

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-445-47

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5004 AGACAGATGGAGGCTCT 5023  
DB 20 AGATCAGATTGAGTCTTT 1

RESULT 2561  
US-09-657-481A-37  
Sequence 37, Application US/09657481A  
Patent No. 6258601  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowseart  
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE WAP1 AND W  
TITLE OF INVENTION: EXPRESSION  
FILE REFERENCE: RTS-0087  
CURRENT APPLICATION NUMBER: US/09/657,481A  
CURRENT FILING DATE: 2000-09-07  
NUMBER OF SEQ ID NOS: 93  
SEQ ID NO 37  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-657-481A-37

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2494 TCCATTACTATGTCCTTG 2513  
DB 1 TCCATTGCGAGATCTTTG 20

RESULT 2562  
US-09-377-309-76/C  
Sequence 76, Application US/09377309B  
Patent No. 6258790  
GENERAL INFORMATION:  
APPLICANT: Bennett, C. Frank  
APPLICANT: Condon, Tom P.  
APPLICANT: Cowseart, Lex M.  
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION  
FILE REFERENCE: ISPH-0390  
CURRENT APPLICATION NUMBER: US/09/377,309B  
CURRENT FILING DATE: 1999-08-19  
EARLIER APPLICATION NUMBER: 09/166,203  
EARLIER FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 99  
SEQ ID NO 76  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-377-309-76

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6540 TAGGATATCTGTAGAGCTG 6559

DB 20 TATGTTACTGTGAGGCTTG 1

RESULT 2563  
US-08-090-369-12/C  
Sequence 12, Application US/08090369  
Patent No. 6258943  
GENERAL INFORMATION:  
APPLICANT: Fong, T.M.  
APPLICANT: Huang, R-R. C.  
APPLICANT: Strader, C.D.  
TITLE OF INVENTION: Human Neurokinin-3 Receptor  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merck & Co., Inc.  
STREET: P.O. Box 2000  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/090,369  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/851,974  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Thies, J. E.  
REGISTRATION NUMBER: P-35,382  
REFERENCE/DOCKET NUMBER: 18685  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908) 594-3904  
TELEFAX: (908) 594-4720  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-090-369-12

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2037 TATCACAGAGTGTAGGCA 2056  
DB 20 TATCACAGCTGTGTGCGCA 1

RESULT 2564  
US-09-247-190-31  
Sequence 31, Application US/09247190  
Patent No. 6261804  
GENERAL INFORMATION:  
APPLICANT: Szostak, Jack W.  
APPLICANT: Roberts, Richard W.  
APPLICANT: Liu, Rih  
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
FILE REFERENCE: 00786/350005  
CURRENT APPLICATION NUMBER: US/09/247,190  
CURRENT FILING DATE: 1999-02-09  
EARLIER APPLICATION NUMBER: 60/035,963  
EARLIER FILING DATE: 1997-01-21

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; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA aplinc
US-09-247-190-31

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4465 TTTT TTTT TTTT TTTT TTTT G 4484
Db 1 TTTT TTTT TTTT TTTT TTTT G 20

RESULT 2565
US-09-487-368A-131
; Sequence 131, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowert
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-487-368A-131

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6847 TAATGACTTGCCCTCTCC 6866
Db 1 TAATGACTTGACATCTTC 20

RESULT 2566
US-08-943-731-513
; Sequence 513, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, IARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KOROKO, JARMO
; APPLICANT: ALA-KOKKO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
```

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; STREET: FLR.
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 513:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-943-731-513

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5610 GTGCTTCTTACCAAGCTTC 5629
Db 1 GTGTTCTACCCAGGCTTC 20

RESULT 2567
US-08-460-736-5/c
; Sequence 5, Application US/08460736
; Patent No. 6265189
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtlis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,736
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
```

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; APPLICATION NUMBER: US 08/184,009
; FILING DATE: 19-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-460-736-5

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCTCTATTACTTAA 6444
DB 20 GCGGCCGCTTAACTTAA 1

RESULT 2568
US-09-489-868A-49/C
; Sequence 49, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-489-868A-49

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3858 TCTCCTATTCCTCTACT 3877
DB 20 TCAGCTATCTCTCTACT 1

RESULT 2569
US-09-489-868A-60/C
; Sequence 60, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-489-868A-60

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2856 TCCAGAGAGAGAGAGAG 2875
DB 20 TGCACAGAGAGAGAGAG 1

RESULT 2570
US-09-085-273-5/C
; Sequence 5, Application US/09085273
; Patent No. 6267965
; GENERAL INFORMATION:
; APPLICANT: Paolletti, Enzo
; APPLICANT: Pincus, Steven E.
; APPLICANT: Cox, William I.
; APPLICANT: Kaufman, Elizabeth K.
; TITLE OF INVENTION: RECOMBINANT POXVIRUS - CYTOMEGALOVIRUS,
; TITLE OF INVENTION: COMPOSITIONS AND USES
; NUMBER OF SEQUENCES: 176
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/085,273
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/471,014
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer Esq., William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2720
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-085-273-5

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCTCTATTACTTAA 6444
DB 20 GCGGCCGCTTAACTTAA 1

RESULT 2571
US-09-428-583-70/C
; Sequence 70, Application US/09428583
; Patent No. 6271029
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```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-2 EXPRESSION
; FILE REFERENCE: RTS-0096
; CURRENT APPLICATION NUMBER: US/09/428,583
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-583-70

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1597 GAAAGAGTGTCTCAGAACTT 1616
Db      20 GAGAGAGTGTCTCAGAACTT 1

RESULT 2572
US-09-593-711A-155
; Sequence 155, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-155

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      369 GTACCACTACGAGGTGACA 388
Db      1 GGACGACGACGACGTGACA 20

RESULT 2573
US-09-593-711A-160
; Sequence 160, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-160
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1436 GCGGAGTGTCTCCGCGCC 1455
Db      1 GCGGAGTGTCTCCGCGCC 20

RESULT 2574
US-08-836-031-2/c
; Sequence 2, Application US/08836031
; Patent No. 6274351
; GENERAL INFORMATION:
; APPLICANT: Repomnet, Christine
; TITLE OF INVENTION: PROCESS FOR THE SOLID-PHASE AMPLIFICATION OF NUCLEIC ACIDS AND RE
; TITLE OF INVENTION: WHICH IS USEFUL FOR CARRYING OUT THIS PROCESS
; FILE REFERENCE: P60963US0
; CURRENT APPLICATION NUMBER: US/08/836,031
; CURRENT FILING DATE: 1997-07-11
; EARLIER APPLICATION NUMBER: PCT/FR95/01422
; EARLIER FILING DATE: 10-27-1995
; EARLIER APPLICATION NUMBER: 94 12972
; EARLIER FILING DATE: 10-28-1994
; NUMBER OF SEQ ID NOS: 2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: primer_bind
US-08-836-031-2

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1610 AGAAGTTCACAGACGCTG 1629
Db      20 AGAGTTCACAGTGCAGCG 1

RESULT 2575
US-09-430-035-2/c
; Sequence 2, Application US/09430035
; Patent No. 6277604
; GENERAL INFORMATION:
; APPLICANT: Repomnet, Christine
; APPLICANT: Pegonnet, Christine
; TITLE OF INVENTION: PROCESS FOR THE SOLID-PHASE
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS AND REAGENT KIT WHICH IS
; TITLE OF INVENTION: USEFUL FOR CARRYING OUT THIS PROCESS
; FILE REFERENCE: 9710-018-999
; CURRENT APPLICATION NUMBER: US/09/430,035
; CURRENT FILING DATE: 1999-10-29
; EARLIER APPLICATION NUMBER: FR94/12972
; EARLIER FILING DATE: 1994-10-28
; EARLIER APPLICATION NUMBER: PCT/FR95/01422
; EARLIER FILING DATE: 1995-10-27
; EARLIER APPLICATION NUMBER: 08/836,031
; EARLIER FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-430-035-2
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Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGACTTCACAGACCGCTG 1629  
DB 20 AGAGCTTCACAGTGCAGCG 1

RESULT 2576  
US-09-244-796-31  
Sequence 31, Application US/09244796

Patent No. 6281344  
GENERAL INFORMATION:  
APPLICANT: Szostrak, Jack W.  
APPLICANT: Roberts, Richard W.  
APPLICANT: Liu, Rih  
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN  
FILE REFERENCE: 00786/350007  
CURRENT APPLICATION NUMBER: US/09/244,796  
EARLIER FILING DATE: 1999-02-05  
EARLIER APPLICATION NUMBER: 60/035,963  
EARLIER FILING DATE: 1997-01-27  
EARLIER APPLICATION NUMBER: 60/064,491  
EARLIER FILING DATE: 1997-11-06  
EARLIER APPLICATION NUMBER: 09/007,005  
EARLIER FILING DATE: 1998-01-14  
NUMBER OF SEQ ID NOS: 33  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 31  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: DNA splint  
US-09-244-796-31

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4465 TTTTGTGTTTGTGTTTGTG 4484  
DB 1 TTTTGTGTTGTTGTTTGTG 20

RESULT 2577  
US-09-322-360-4  
Sequence 4, Application US/09322360

Patent No. 6297050  
GENERAL INFORMATION:  
APPLICANT: Coulle, Pierre; Ikeda, Hideyuki;  
APPLICANT: Boon-Fallieur, Thierry  
TITLE OF INVENTION: Isolated Nucleic Acid Molecules  
TITLE OF INVENTION: Coding For Tumor Rejection Antigen Precursors DAGE and  
TITLE OF INVENTION: Uses Thereof  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fulbright & Jaworski, L.L.P.  
STREET: 666 Fifth Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/322,360

FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/809,999  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 6297050man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5386.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 318-3000  
TELEFAX: (212) 752-5958  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
FEATURE:  
NAME/KEY: PCR primer  
US-09-322-360-4

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2748 GGTTCACGAGATCTGTC 2767  
DB 1 GGTTCGACGAGACTCTGC 20

RESULT 2578  
US-09-484-617-93  
Sequence 93, Application US/09484617  
Patent No. 6303374  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION  
FILE REFERENCE: RTS-0103  
CURRENT APPLICATION NUMBER: US/09/484,617  
CURRENT FILING DATE: 2000-01-18  
NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 93  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-484-617-93

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1737 CACCTACTCAGGCTGCAGC 1756  
DB 1 CACCTGCTGAGCCTGGAGC 20

RESULT 2579  
US-09-484-617-137/C  
Sequence 137, Application US/09484617  
Patent No. 6303374  
GENERAL INFORMATION:  
APPLICANT: Hong Zhang  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION  
FILE REFERENCE: RTS-0103  
CURRENT APPLICATION NUMBER: US/09/484,617  
CURRENT FILING DATE: 2000-01-18  
NUMBER OF SEQ ID NOS: 176

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; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-137

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1779 GAAGACGCGGTGTATGCTG 1798
      ||||| ||||| ||||| |||||
Db      20  GAAGATACCGGTGAGGCTG 1

RESULT 2580
US-09-484-617-151
; Sequence 151, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-151

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7385 GTACAGTCTCTGAAGA 7404
      ||||| ||||| ||||| |||||
Db      1  GTACAGTCTCTGAGCA 20

RESULT 2581
US-08-890-865A-5
; Sequence 5, Application US/08890865A
; Patent No. 6307019
; GENERAL INFORMATION:
; APPLICANT: Constantini, Franklin
; APPLICANT: zeng, li
; TITLE OF INVENTION: AXIN GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: US
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,865A
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
```

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; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/54249
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)278-0400
; TELEFAX: (212)391-0526
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-890-865A-5

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1327 GACAGACGAGGAGATCAG 1346
      ||||| ||||| ||||| |||||
Db      1  GAGGAGAGAGAGATCAG 20

RESULT 2582
US-09-354-138-5/C
; Sequence 5, Application US/09354138
; Patent No. 6309647
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; APPLICANT: Gettig, Russell
; TITLE OF INVENTION: FOXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue, 25th floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/354,138
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,379
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/416,646
; FILING DATE: 05-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,657
; FILING DATE: 16-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/073,962
; FILING DATE: 08-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/776,867
; FILING DATE: 23-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/621,614
; FILING DATE: 30-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,283
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 08/105,483  
FILING DATE: 12-AUG-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/847,951  
FILING DATE: 06-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/713,967  
FILING DATE: 11-JUN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07,666,056  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2860  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-354-138-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 6425 GTGGCCTCTATTAGCTAA 6444  
Db 20 GCGCCGCCCTAATTAATA 1

RESULT 2583  
US-09-290-452-5  
Sequence 5, Application US/09290452  
Patent No. 6309833  
GENERAL INFORMATION:  
APPLICANT: Nerenberg, Michael I.  
APPLICANT: Westlin, Lorelei P.  
APPLICANT: Edman, Carl P.  
APPLICANT: Carrino, John  
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID  
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC  
FILE REFERENCE: 241/109  
CURRENT APPLICATION NUMBER: US/09/290,452  
CURRENT FILING DATE: 1999-04-12  
NUMBER OF SEQ ID NOS: 62  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: human  
US-09-290-452-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 335 ATTACTTGAGTGACATC 354  
Db 1 ACTACAGTACGTGACATC 20

RESULT 2584  
US-09-290-452-22  
Sequence 22, Application US/09290452  
Patent No. 6309833  
GENERAL INFORMATION:

APPLICANT: Nerenberg, Michael I.  
APPLICANT: Westlin, Lorelei P.  
APPLICANT: Edman, Carl P.  
APPLICANT: Carrino, John  
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID  
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC  
FILE REFERENCE: 241/109  
CURRENT APPLICATION NUMBER: US/09/290,452  
CURRENT FILING DATE: 1999-04-12  
NUMBER OF SEQ ID NOS: 62  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 22  
LENGTH: 20  
TYPE: DNA  
ORGANISM: human  
US-09-290-452-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 335 ATTACTTGAGTGACATC 354  
Db 1 ACTACAGTACGTGACATC 20

RESULT 2585  
US-09-364-416-63  
Sequence 63, Application US/09364416  
Patent No. 6312900  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.  
APPLICANT: Miraglia, Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/364,416  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201  
FILING DATE: April 14, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: 15PH-0209  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-364-416-63

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5915 CCCAGCGGAGATGTCCA 5934  
Db 1 CCCGACCCACAAAGTCCA 20

RESULT 2586  
US-09-364-416-75/c  
; Sequence 75, Application US/09364416  
; Patent No. 6312900  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
; APPLICANT: Miraglia; Brenda F. Baker  
; TITLE OF INVENTION: Antisense Oligonucleotide  
; TITLE OF INVENTION: Compositions and Methods for the Modulation of  
; TITLE OF INVENTION: Activating Protein 1  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/364,416  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/837,201  
; FILING DATE: April 14, 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0209  
; TELEPHONE: (609) 810-1515  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 75:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-364-416-75

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 45 CCGCGGCGGCGCAACGAG 64  
Db 20 CGGCGGCGGCGCTTACAGCG 1

RESULT 2587  
US-09-101-126-10  
; Sequence 10, Application US/09101126  
; Patent No. 6316216  
; GENERAL INFORMATION:  
; APPLICANT: OHTO, CHIYARA  
; APPLICANT: NAKANE, HIROYUKI  
; APPLICANT: NISHINO, TOKUZO  
; APPLICANT: OHNUMA, SHINICHI

; APPLICANT: HIROOKA, KAZUTAKE  
; TITLE OF INVENTION: MUTATED PRENYL DIPHOSPHATE SYNTHASES  
; FILE REFERENCE: 77670/566  
; CURRENT APPLICATION NUMBER: US/09/101,126  
; CURRENT FILING DATE: 1999-04-27  
; EARLIER APPLICATION NUMBER: PCT/JP97/03921  
; EARLIER FILING DATE: 1997-10-29  
; EARLIER APPLICATION NUMBER: JP 8-307506  
; EARLIER FILING DATE: 1996-11-05  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 10  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
US-09-101-126-10

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5581 CTTGGCTCATGTGATTG 5600  
Db 1 CTTGATTCATGATGATTG 20

RESULT 2588  
US-09-488-856A-15/c  
; Sequence 15, Application US/09488856A  
; Patent No. 6316259  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Robert McKay  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP  
; FILE REFERENCE: RTS-0115  
; CURRENT APPLICATION NUMBER: US/09/488,856A  
; CURRENT FILING DATE: 2000-01-21  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 15  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-488-856A-15

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 45 CCGCGGCGGCGCAACGAG 64  
Db 20 CGGCGGAGAGGACGCGAG 1

RESULT 2589  
US-09-290-338-5  
; Sequence 5, Application US/09290338  
; Patent No. 6326173  
; GENERAL INFORMATION:  
; APPLICANT: Nerenberg, Michael I.  
; APPLICANT: Edman, Carl F.  
; TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID  
; FILE REFERENCE: 238/072  
; CURRENT APPLICATION NUMBER: US/09/290,338  
; CURRENT FILING DATE: 1999-04-12  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: human  
US-09-290-338-5

Query Match  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGCGGACATC 354  
DB 1 ACTACAGTGACGTGACATC 20

RESULT 2590  
US-09-290-338-22  
Sequence 22, Application US/09290338  
Patent No. 6326173  
GENERAL INFORMATION:  
APPLICANT: Nerenberg, Michael I.  
TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID  
FILE REFERENCE: 238/072  
CURRENT APPLICATION NUMBER: US/09/290,338  
CURRENT FILING DATE: 1999-04-12  
NUMBER OF SEQ ID NOS: 62  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 22  
LENGTH: 20  
TYPE: DNA  
ORGANISM: human  
US-09-290-338-22

Query Match  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGCGGACATC 354  
DB 1 ACTACAGTGACGTGACATC 20

RESULT 2591  
US-09-082-649B-77  
Sequence 77, Application US/09082649B  
Patent No. 6339068  
GENERAL INFORMATION:  
APPLICANT: Davis, Heather L.  
APPLICANT: Kriegl, Arthur M.  
APPLICANT: Schorr, Joachim  
APPLICANT: Wu, Tong  
TITLE OF INVENTION: Vectors and Methods for Immunization or  
TITLE OF INVENTION: Therapeutic Protocols  
FILE REFERENCE: C1039/7009  
CURRENT APPLICATION NUMBER: US/09/082,649B  
CURRENT FILING DATE: 1998-05-20  
PRIOR APPLICATION NUMBER: US 60/047,233  
PRIOR FILING DATE: 1997-05-20  
PRIOR APPLICATION NUMBER: US 60/047,209  
PRIOR FILING DATE: 1997-05-20  
NUMBER OF SEQ ID NOS: 85  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 77  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: synthetic oligonucleotide  
US-09-082-649B-77

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5771 CTGGCCGCGCTGCTGCTG 5790  
DB 1 CCGGCCGCGCGCGCGCGCG 20

RESULT 2592  
US-09-082-649B-77/c  
Sequence 77, Application US/09082649B  
Patent No. 6339068  
GENERAL INFORMATION:  
APPLICANT: Davis, Heather L.  
APPLICANT: Kriegl, Arthur M.  
APPLICANT: Schorr, Joachim  
APPLICANT: Wu, Tong  
TITLE OF INVENTION: Vectors and Methods for Immunization or  
TITLE OF INVENTION: Therapeutic Protocols  
FILE REFERENCE: C1039/7009  
CURRENT APPLICATION NUMBER: US/09/082,649B  
CURRENT FILING DATE: 1998-05-20  
PRIOR APPLICATION NUMBER: US 60/047,233  
PRIOR FILING DATE: 1997-05-20  
PRIOR APPLICATION NUMBER: US 60/047,209  
PRIOR FILING DATE: 1997-05-20  
NUMBER OF SEQ ID NOS: 85  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 77  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: synthetic oligonucleotide  
US-09-082-649B-77

Query Match  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5771 CTGGCCGCGCTGCTGCTG 5790  
DB 20 CCGGCCGCGCGCGCGCGCG 1

RESULT 2593  
US-09-488-074-3/c  
Sequence 3, Application US/09488074  
Patent No. 6339071  
GENERAL INFORMATION:  
APPLICANT: LEVESQUE, Luc  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATING  
TITLE OF INVENTION: CYCLIN B GENE EXPRESSION AND THERAPEUTIC USES THEREOF  
FILE REFERENCE: 12168-3US  
CURRENT APPLICATION NUMBER: US/09/488,074  
CURRENT FILING DATE: 2000-01-20  
EARLIER APPLICATION NUMBER: US 60/140,446  
EARLIER FILING DATE: 1999-06-23  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Antisense oligonucleotide  
US-09-488-074-3

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2844 GTGCCACCAATTCAGAG 2863

DB 20 GTGCCACCCGGGTCCACAGG 1  
RESULT 2594  
US-09-131-831B-4  
Sequence 4, Application US/0911831B  
Patent No. 6339149  
GENERAL INFORMATION:  
APPLICANT: Coulie, Pierre; Ikeda, Hideyuki; Boon-  
Falleur, Thierry  
TITLE OF INVENTION: Isolated Nucleic Acid Molecules  
Coding For Tumor Rejection Antigen Precursors DAGE and  
Uses Thereof  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pulbright & Jaworski L.L.P.  
STREET: 666 Fifth Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/131, 831B  
FILING DATE: 11-Aug-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/809,999  
FILING DATE: 9-April-1997  
APPLICATION NUMBER: 08/316,231  
FILING DATE: 30-September-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 6339149man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5386.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 318-3100  
TELEFAX: (212) 318-3400  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
FEATURE:  
NAME/KEY: PCR primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-131-831B-4  
Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2748 GGTTCACGAGATCTCTGC 2767  
DB 1 GGTTCGACGAGACTCTGC 20  
RESULT 2595  
US-09-378-842-29  
Sequence 29, Application US/09378842  
Patent No. 6342392  
GENERAL INFORMATION:  
APPLICANT: The Government of the United  
States of America as represented by the  
APPLICANT: Secretary, Department of Health and Human  
Services; Callahan, Robert; Marchetti,

APPLICANT: Antonio; Buttlea, Fiamma; Smith, Gilbert H.  
TITLE OF INVENTION: Nucleotide And Deduced  
TITLE OF INVENTION: Amino Acid Sequences Of A New Tumor Gene,  
TITLE OF INVENTION: Int6, And The Use Of Reagents Derived From  
TITLE OF INVENTION: These Sequences In Diagnostic Assays,  
TITLE OF INVENTION: Vaccines, Immunotherapy And Gene Therapy  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: MS WORD 97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/378, 842  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/875, 847  
FILING DATE: 09-FEB-1996  
APPLICATION NUMBER: 08/385,998  
FILING DATE: 09-FEB-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: William S. Feller  
REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER: 2026-4179PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
TELEX: 423792  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-378-842-29  
Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 3426 TGTCCACATTTTCGCCCA 3445  
DB 1 TGTCCACATATTCTACGCTA 20  
RESULT 2596  
US-09-482-971-12/C  
Sequence 12, Application US/09482971  
Patent No. 6348350  
GENERAL INFORMATION:  
APPLICANT: Fong, T.M.  
APPLICANT: Huang, R-R. C.  
APPLICANT: Strader, C.D.  
TITLE OF INVENTION: Human Neurokinin-3 Receptor  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Merck & Co., Inc.  
STREET: P. O. Box 2000  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/482,971
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/090,369
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Thies, J. E.
; REGISTRATION NUMBER: P-35,382
; REFERENCE/DOCKET NUMBER: 18685
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3904
; TELEFAX: (908) 594-4720
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
;
US-09-482-971-12
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2037 TATCACGACGTGTGTAGCCA 2056
DB 20 TATCACGACGTGTGTCCCA 1

RESULT 2597
US-09-248-386-20/c
; Sequence 20, Application US/09248386
; Patent No. 6359124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P
; APPLICANT: Freier, Susan M
; APPLICANT: Sanghvi, Yogesh S
; APPLICANT: Cook, Phillip D
; APPLICANT: Ecker, David J
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
; TITLE OF INVENTION: Alternating Oligonucleotides
; FILE REFERENCE: IS163350
; CURRENT APPLICATION NUMBER: US/09/248,386
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: 08/848,840
; EARLIER FILING DATE: 1997-04-30
; EARLIER APPLICATION NUMBER: 07/411,734
; EARLIER FILING DATE: 1989-09-25
; EARLIER APPLICATION NUMBER: PCT/US93/09346
; EARLIER FILING DATE: 1993-10-01
; EARLIER APPLICATION NUMBER: 07/715,196
; EARLIER FILING DATE: 1991-06-14
; EARLIER APPLICATION NUMBER: 07/958,134
; EARLIER FILING DATE: 1992-10-05
; EARLIER APPLICATION NUMBER: 08/007,996
; EARLIER FILING DATE: 1993-01-21
; EARLIER APPLICATION NUMBER: 07/703,619
; EARLIER FILING DATE: 1991-05-21
; EARLIER APPLICATION NUMBER: 08/040,903
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 07/040,526
; EARLIER FILING DATE: 1987-04-20
; EARLIER APPLICATION NUMBER: 08/174,379
; EARLIER FILING DATE: 1993-12-28
; EARLIER APPLICATION NUMBER: 08/040,933
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 08/300,072
; EARLIER FILING DATE: 1994-09-02
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; EARLIER APPLICATION NUMBER: 08/039,979
; EARLIER FILING DATE: 1993-03-30
; EARLIER APPLICATION NUMBER: 08/395,168
; EARLIER FILING DATE: 1995-02-27
; EARLIER APPLICATION NUMBER: 07/814,961
; EARLIER FILING DATE: 1991-12-24
; EARLIER APPLICATION NUMBER: 08/244,993
; EARLIER FILING DATE: 1994-06-21
; EARLIER APPLICATION NUMBER: 08/468,037
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6359124el Sequence
;
US-09-248-386-20
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 49 GGCGGCGGACGAGCGCTG 68
DB 20 GGCGGCGGCGGAGGAG 1

RESULT 2598
US-09-561-497-20
; Sequence 20, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-561-497-20
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5762 GCTTCTGTCTGCGCGGCT 5781
DB 1 GCTTCTGTCTTCCGCGCT 20

RESULT 2599
US-09-561-497-42
; Sequence 42, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 42
```

LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-561-497-42

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 108 CCGAGCCCGCCCGGATCC 127  
DB 1 CCGAGCCCGGACCGGACGCC 20

RESULT 2600  
US-09-732-199A-29  
Sequence 29, Application US/09732199A  
Patent No. 6379960  
GENERAL INFORMATION:  
APPLICANT: Jacqueline Wyrat  
APPLICANT: Ian Popoff  
TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4  
FILE REFERENCE: RTS-0214  
CURRENT APPLICATION NUMBER: US/09/732,199A  
CURRENT FILING DATE: 2000-12-06  
NUMBER OF SEQ ID NOS: 57  
SEQ ID NO 29  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-732-199A-29

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5085 CTAACCTCCATCTGCCCTG 5104  
DB 1 CTAACCTCCATCTCTCCCTG 20

RESULT 2601  
US-09-177-437-6  
Sequence 6, Application US/09177437  
Patent No. 6383746  
GENERAL INFORMATION:  
APPLICANT: Florence Guignard  
APPLICANT: Philip M. Murphy  
APPLICANT: Christophe Combadieere  
APPLICANT: H. Lee Tiffany  
TITLE OF INVENTION: FUNCTIONAL PROMOTER FOR CCR5  
FILE REFERENCE: 14014.0332  
CURRENT APPLICATION NUMBER: US/09/177,437  
CURRENT FILING DATE: 1998-10-21  
EARLIER APPLICATION NUMBER: 60/065,934  
EARLIER FILING DATE: 1997-10-23  
NUMBER OF SEQ ID NOS: 12  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 6  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:/No. 6383746e =  
US-09-177-437-6

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 7283 GTGACTGTGTCATTTGT 7302  
DB 1 GTGTTGTTGTTGTTTGT 20

RESULT 2602  
US-09-702-246-73  
Sequence 73, Application US/09702246  
Patent No. 6383809  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTHESIN-1 EXPRESSION  
FILE REFERENCE: RTS-0195  
CURRENT APPLICATION NUMBER: US/09/702,246  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 73  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-246-73

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5061 CACAAGTCCCTAAGAGAGT 5080  
DB 1 CAAAAGTCCCTAAGCCATT 20

RESULT 2603  
US-09-588-950A-6  
Sequence 6, Application US/09588950A  
Patent No. 6399305  
GENERAL INFORMATION:  
APPLICANT: Makino, Yoshiniko  
APPLICANT: Abe, Yoshiniko  
APPLICANT: Ogawa, Masaaki  
APPLICANT: Takagi, Makoto  
APPLICANT: Yamashita, Kenichi  
APPLICANT: Yamashita, Kenichi  
TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a  
FILE REFERENCE: JG-Y-4980/500569.20039  
CURRENT APPLICATION NUMBER: US/09/588,950A  
CURRENT FILING DATE: 2000-06-07  
PRIOR APPLICATION NUMBER: Japan 11-159339  
PRIOR FILING DATE: 1999-06-07  
NUMBER OF SEQ ID NOS: 9  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthesized  
US-09-588-950A-6

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTTTTCTTTT 4483  
DB 1 TTTTCTTTTAAATTTTCTT 20



```
RESULT 2604
US-09-135-202-17
; Sequence 17, Application US/09135202
; Patent No. 6399754
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6399754rls
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Mordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/135,202
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,973
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Luccl
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-09-135-202-17

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      6538 CATAGATATCTGTAGGCT 6557
DB      1 CAUAGGAGAGGCCAAGGCT 20

RESULT 2605
US-09-844-634-54/c
; Sequence 54, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRES
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-844-634-54
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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4684 CCTGATCTGTGTAGAGCC 4703
DB      20 CCTGATCTGTGTAGAGCC 1

RESULT 2606
US-09-844-634-96
; Sequence 96, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRES
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-844-634-96

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3810 GAGCTGCTGAGATGACGC 3829
DB      1 GAGTACTGAGATTACGCG 20

RESULT 2607
US-09-844-634-159/c
; Sequence 159, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRES
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 159
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-844-634-159

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5808 CTGTGCTATGTGATGAT 5827
DB      20 CTGTGCTATGTGATGATCT 1

RESULT 2608
US-09-506-073-46
; Sequence 46, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
```

```

; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-46

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7102 AATTAGGAAATGAAATTA 7121
DB      1 AAGAAAGCAATATGAAATTA 20

RESULT 2609
US-09-506-073-61/c
; Sequence 61, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-61

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4648 GAATTCCTCTTGAGAGC 4667
DB      20 GAATTTGTCTCCAGAGC 1

```

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RESULT 2610
US-09-506-073-71
; Sequence 71, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-71

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2999 CCCACCCCTCACCCTCATCT 3018
DB      1 CCACACCTCATCTCATCT 20

RESULT 2611
US-09-817-856-9/c
; Sequence 9, Application US/09817856
; Patent No. 6420550
; GENERAL INFORMATION:
; APPLICANT: K. Muralidharan
; TITLE OF INVENTION: MOLECULAR DIAGNOSTICS FOR GALACTOSEMIA
; FILE REFERENCE: 05010.0079
; CURRENT APPLICATION NUMBER: US/09/817,856
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: /No. 6420550 =
US-09-817-856-9

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1307 CCACGCTAGATCCGCTCA 1326
DB      20 CCAGAGCTAGAGCCACTACA 1

RESULT 2612

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```
US-09-370-398-13/c
; Sequence 13, Application US/09370398
; Patent No. 6423682
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
; TITLE OF INVENTION: Growth Factor Antagonist Materials and Methods
; FILE REFERENCE: 2810/35878
; CURRENT APPLICATION NUMBER: US/09/370,398
; CURRENT FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-370-398-13

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6254 ATCCAGTCCAACTGATCCA 6273
DB      20 ATCCAGCCCAAGGATGTCCTCA 1

RESULT 2613
US-09-657-452A-53
; Sequence 53, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-53

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7052 GTGCAAGTAAAGACATTGT 7071
DB      1 GTGAAGTAAAGATAGTTT 20

RESULT 2614
US-09-487-792-42
; Sequence 42, Application US/09487792
; Patent No. 6433145
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PR482P1
; CURRENT APPLICATION NUMBER: US/09/487,792
; CURRENT FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: 60/093,643
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: PCT/US99/16424
; EARLIER FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 54
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-487-792-42

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2104 CGACACGCGCAGATCAT 2123
DB      1 CGTCCAGGAAATGACCAT 20

RESULT 2615
US-09-661-753-37/c
; Sequence 37, Application US/09661753
; Patent No. 6435909
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-37

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      760 CCTGAGGCGTACTACACCC 779
DB      20 CTTGAGGCGGCTACTACGC 1

RESULT 2616
US-09-780-175-37
; Sequence 37, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-37

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3099 CACAGTCTAAAGTCAATG 3118
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Db 1 CTCAGAGCTAAGCCTCGTG 20

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RESULT 2617
US-09-780-175-66/c
; Sequence 66 Application US/09780175
; Patent No. 6440728
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-66

```

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RESULT 2618
US-09-907-843-35
; Sequence 35, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-35

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      39 CAGGCTCCGCGGGGGGGCA 58
          ||||| ||||| |||||
Db       1 CAGGCTCCGTCGCGGCTCA 20

RESULT 2619
US-09-907-843-70
; Sequence 70, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-70

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      39 CAGGCTCCGCGGGGGGGCA 58
          ||||| ||||| |||||
Db       1 CAGGCTCCGTCGCGGCTCA 20

RESULT 2620
US-09-907-843-70
; Sequence 70, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-70

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      39 CAGGCTCCGCGGGGGGGCA 58
          ||||| ||||| |||||
Db       1 CAGGCTCCGTCGCGGCTCA 20

```

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? CURRENT FILING DATE: 2001-07-17
? NUMBER OF SEQ ID NOS: 87
? SEQ ID NO 70
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Antisense Oligonucleotide
? US-09-907-843--70

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RESULT 2620
US-09-470-443-90
; Sequence 90, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Lactif, Farida
; APPLICANT: Wei, Ming-hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-90

Query Match      0.2%   Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0.

QY      2318 ATATTGTGCTGACAGAAACG 2337
      ||||| ||||| ||||| |||||
DB      1 AGATTGGGCTGCACCAACAC 20

RESULT 2621
US-09-791-211-75
; Sequence 75, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-75

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2327 TGCAGAAACCCATTCACACC 2346
          |||||
          1 TTCAGAAACACATCATCC 20

Db

RESULT 2622
US-09-851-062-82/c
; Sequence 82, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Fretler
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-82

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6727 CTGGAATACCTTCTCTTCA 6746
          |||||
          20 CTGGAATCCTTCTCTTCA 1

Db

RESULT 2623
US-09-517-467B-57
; Sequence 57, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-57

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      432 GGAATACATGTCACGATT 451
          |||||
          1 GGAATATACGCTCTCTT 20

Db

RESULT 2624
```

```
US-09-517-467B-125
; Sequence 125, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-125

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6102 TGGCTTTTGGAGATTGCT 6121
          |||||
          1 TGGCTTTTGGAGATTGCT 20

Db

RESULT 2625
US-09-517-467B-274
; Sequence 274, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 274
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-274

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5793 TGCCTGCTGCTGCTGCTGTC 5812
          |||||
          1 TTCTGCTGCTGCGGCCCTTC 20

Db

RESULT 2626
US-08-275-951-27/c
; Sequence 27, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffen, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
```

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/ APPLICANT: Christensen, Leif
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: ISIS1577
/ CURRENT APPLICATION NUMBER: US/08/275,951
/ CURRENT FILING DATE: 1994-07-15
/ PRIOR APPLICATION NUMBER: 08/108,591
/ PRIOR FILING DATE: 1993-11-22
/ PRIOR APPLICATION NUMBER: 08/088,658
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: 08/088,661
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: PCT/EP92/01219
/ PRIOR FILING DATE: 1992-05-22
/ PRIOR APPLICATION NUMBER: 986/91
/ PRIOR FILING DATE: 1991-05-22
/ PRIOR APPLICATION NUMBER: 987/91
/ PRIOR FILING DATE: 1991-05-24
/ PRIOR APPLICATION NUMBER: 510/92
/ PRIOR FILING DATE: 1991-04-15
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
/ OTHER INFORMATION: Hexanoic Acid, Lysine linkage
US-08-275-951-27

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAGAA 4032
DB 20 AAGAGAGAGAAAGAGAGAA 1

RESULT 2627
US-08-275-951-28/c
/ Sequence 28, Application US/08275951
/ Patent No. 6451968
/ GENERAL INFORMATION:
/ APPLICANT: Egholm, Michael
/ APPLICANT: Kieley, John
/ APPLICANT: Griffin, Michael
/ APPLICANT: Coull, James M.
/ APPLICANT: Nielsen, Peter
/ APPLICANT: Buchardt, Ole
/ APPLICANT: Dueholm, Kim L.
/ APPLICANT: Christensen, Leif
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: ISIS1577
/ CURRENT APPLICATION NUMBER: US/08/275,951
/ CURRENT FILING DATE: 1994-07-15
/ PRIOR APPLICATION NUMBER: 08/108,591
/ PRIOR FILING DATE: 1993-11-22
/ PRIOR APPLICATION NUMBER: 08/088,658
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: 08/088,661
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: PCT/EP92/01219
/ PRIOR FILING DATE: 1992-05-22
/ PRIOR APPLICATION NUMBER: 986/91
/ PRIOR FILING DATE: 1991-05-22
/ PRIOR APPLICATION NUMBER: 987/91
/ PRIOR FILING DATE: 1991-05-24
/ PRIOR APPLICATION NUMBER: 510/92
/ PRIOR FILING DATE: 1991-04-15
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
/ OTHER INFORMATION: Hexanoic Acid, Lysine linkage
US-08-275-951-29

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAGAA 4032
DB 20 AAGAGAGAGAAAGAGAGAA 1
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/ NUMBER OF SEQ ID NOS: 65
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 28
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6451968e1 Sequence
/ NAME/KEY: misc feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Lysine, Amino Cis-hexenoic Acid, Lysine, Amino
/ OTHER INFORMATION: Cis-hexenoic Acid, Lysine linkage
US-08-275-951-28

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAGAA 4032
DB 20 AAGAGAGAGAAAGAGAGAA 1

RESULT 2628
US-08-275-951-29/c
/ Sequence 29, Application US/08275951
/ Patent No. 6451968
/ GENERAL INFORMATION:
/ APPLICANT: Egholm, Michael
/ APPLICANT: Kieley, John
/ APPLICANT: Griffin, Michael
/ APPLICANT: Coull, James M.
/ APPLICANT: Nielsen, Peter
/ APPLICANT: Buchardt, Ole
/ APPLICANT: Dueholm, Kim L.
/ APPLICANT: Christensen, Leif
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: ISIS1577
/ CURRENT APPLICATION NUMBER: US/08/275,951
/ CURRENT FILING DATE: 1994-07-15
/ PRIOR APPLICATION NUMBER: 08/108,591
/ PRIOR FILING DATE: 1993-11-22
/ PRIOR APPLICATION NUMBER: 08/088,658
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: 08/088,661
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: PCT/EP92/01219
/ PRIOR FILING DATE: 1992-05-22
/ PRIOR APPLICATION NUMBER: 986/91
/ PRIOR FILING DATE: 1991-05-22
/ PRIOR APPLICATION NUMBER: 987/91
/ PRIOR FILING DATE: 1991-05-24
/ PRIOR APPLICATION NUMBER: 510/92
/ PRIOR FILING DATE: 1991-04-15
/ NUMBER OF SEQ ID NOS: 65
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6451968e1 Sequence
/ NAME/KEY: misc feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
/ OTHER INFORMATION: Hexanoic Acid, Lysine linkage
US-08-275-951-29

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAGAA 4032
```

Db 20 AAAGAGAGAGAGAGAGAA 1

RESULT 2629  
US-08-275-951-30/c  
Sequence 30, Application US/08275951  
Patent No. 6451968  
GENERAL INFORMATION:  
APPLICANT: Egholm, Michael  
APPLICANT: Kiehl, John  
APPLICANT: Griffith, Michael  
APPLICANT: Coull, James M.  
APPLICANT: Nielsen, Peter  
APPLICANT: Buchardt, Ole  
APPLICANT: Dueholm, Kim L.  
APPLICANT: Christensen, Leif  
TITLE OF INVENTION: Linked Peptide Nucleic Acids  
FILE REFERENCE: IS15177  
CURRENT APPLICATION NUMBER: US/08/275,951  
CURRENT FILING DATE: 1994-07-15  
PRIORITY APPLICATION NUMBER: 08/108,591  
PRIORITY FILING DATE: 1993-11-22  
PRIORITY APPLICATION NUMBER: 08/088,658  
PRIORITY FILING DATE: 1993-07-02  
PRIORITY APPLICATION NUMBER: 08/088,661  
PRIORITY FILING DATE: 1993-07-02  
PRIORITY APPLICATION NUMBER: PCT/EP92/01219  
PRIORITY FILING DATE: 1992-05-22  
PRIORITY APPLICATION NUMBER: 986/91  
PRIORITY FILING DATE: 1991-05-22  
PRIORITY APPLICATION NUMBER: 987/91  
PRIORITY FILING DATE: 1991-05-24  
PRIORITY APPLICATION NUMBER: 510/92  
PRIORITY FILING DATE: 1991-04-15  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 30  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence  
NAME/KEY: misc.feature  
LOCATION: (10)..(11)  
OTHER INFORMATION: Lysine, Meta-Amino Benzoic Acid, Lysine,  
OTHER INFORMATION: Meta-Amino Benzoic Acid, Lysine linkage  
US-08-275-951-30

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AAATGAGAGAGAGAGAA 4032  
Db 20 AAAGAGAGAGAGAGAGAA 1

RESULT 2630  
US-08-275-951-63/c  
Sequence 63, Application US/08275951  
Patent No. 6451968  
GENERAL INFORMATION:  
APPLICANT: Egholm, Michael  
APPLICANT: Kiehl, John  
APPLICANT: Griffith, Michael  
APPLICANT: Coull, James M.  
APPLICANT: Nielsen, Peter  
APPLICANT: Buchardt, Ole  
APPLICANT: Dueholm, Kim L.  
APPLICANT: Christensen, Leif  
TITLE OF INVENTION: Linked Peptide Nucleic Acids  
FILE REFERENCE: IS15177

CURRENT APPLICATION NUMBER: US/08/275,951  
CURRENT FILING DATE: 1994-07-15  
PRIORITY APPLICATION NUMBER: 08/108,591  
PRIORITY FILING DATE: 1993-11-22  
PRIORITY APPLICATION NUMBER: 08/088,658  
PRIORITY FILING DATE: 1993-07-02  
PRIORITY APPLICATION NUMBER: 08/088,661  
PRIORITY FILING DATE: 1993-07-02  
PRIORITY APPLICATION NUMBER: PCT/EP92/01219  
PRIORITY FILING DATE: 1992-05-22  
PRIORITY APPLICATION NUMBER: 986/91  
PRIORITY FILING DATE: 1991-05-22  
PRIORITY APPLICATION NUMBER: 987/91  
PRIORITY FILING DATE: 1991-05-24  
PRIORITY APPLICATION NUMBER: 510/92  
PRIORITY FILING DATE: 1991-04-15  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 63  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence  
NAME/KEY: misc.feature  
LOCATION: (10)..(11)  
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol, Ethylene Glycol  
OTHER INFORMATION: Linkage  
US-08-275-951-63

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AAATGAGAGAGAGAGAA 4032  
Db 20 AAAGAGAGAGAGAGAGAA 1

RESULT 2631  
US-08-802-331-22  
Sequence 22, Application US/08802331  
Patent No. 6451991  
GENERAL INFORMATION:  
APPLICANT: Cook, Phillip D.  
APPLICANT: Monia, Brett  
APPLICANT: Martin, Pierre  
APPLICANT: Altman, Karl-Heinz  
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides  
FILE REFERENCE: ISN0083  
CURRENT APPLICATION NUMBER: US/08/802,331  
CURRENT FILING DATE: 1997-02-11  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn Version 3.1  
SEQ ID NO 22  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: No. 6451991el Sequence  
US-08-802-331-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 65.0%; Pred. No. 2.3e+03;  
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 6538 CATGAGATATCTGTAAGCT 6557  
Db 1 CAUAGAGAGAGCCUAGGCT 20

RESULT 2632  
US-09-920-672-33

```
; Sequence 33, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-33

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      5913 TCCCGAAGCCAGAGATGC 5932
Db      1 TCCCGAGCATGAGATATC 20

RESULT 2633
US-09-920-672-51
; Sequence 51, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-51

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4395 ATTGCTTCTGTTTACAAA 4414
Db      1 AGTGCTGCTGTTTCCAAATA 20

RESULT 2634
US-08-626-285-26/c
; Sequence 26, Application US/08626285
; Patent No. 6458530
; GENERAL INFORMATION:
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Shoemaker, Daniel D.
; APPLICANT: Davis, Ronald W.
; APPLICANT: Miltmann, Michael P.
; TITLE OF INVENTION: Methods and Compositions for Selecting
; TITLE OF INVENTION: Tag Nucleic Acids and Probe Arrays
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
```

```
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/626,285
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Garrett-Mackowski, Eugenia
; REGISTRATION NUMBER: 37,330
; REFERENCE/DOCKET NUMBER: 16528X-017300US
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-626-285-26

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7275 CCACGCTGTACTGTTT 7294
Db      20 CCACGCGGTGTTGTTT 1

RESULT 2635
US-09-679-185-6/c
; Sequence 6, Application US/09679185
; Patent No. 6458542
; GENERAL INFORMATION:
; APPLICANT: George Jr., Alfred L.
; APPLICANT: Roden, Dan M.
; TITLE OF INVENTION: METHOD OF SCREENING FOR SUSCEPTIBILITY TO
; TITLE OF INVENTION: DRUG-INDUCED CARDIAC ARRHYTHMIA
; FILE REFERENCE: Attorney Docket No. 6458542 1242-33-2
; CURRENT APPLICATION NUMBER: US/09/679,185
; CURRENT FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: 60/158,696
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-679-185-6

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1312 GCTAGATCGCTCCAGACG 1331
Db      20 GCTATCCGCTCCAGAAG 1

RESULT 2636
US-09-531-000-64
; Sequence 64, Application US/09531000
; Patent No. 6461810
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, Marion D.
```



```
APPLICANT: FRESCO, Jacques R.
FILE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-64
```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      7108 GAAAAATGAAATCTTCC 7127
Db      1 GAAAAAGAAATATCTCCC 20
```

```
RESULT 2637
US-09-531-000-64/c
Sequence 64, Application US/09531000
Patent No. 6461810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
FILE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-64
```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4229 GTGCAGATTAATCTTTTC 4248
Db      20 GCGAAGATATTTCTTTTC 1
```

```
RESULT 2638
US-09-780-049-86/c
Sequence 86, Application US/09780049
Patent No. 6465250
GENERAL INFORMATION:
APPLICANT: BRETT P. MONIA
APPLICANT: JACQUELINE WYATT
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
```

```
FILE REFERENCE: RTS-0134
CURRENT APPLICATION NUMBER: US/09/780,049
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 96
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-049-86
```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      4491 GACATGGGTTGGCTGTCT 4510
Db      20 GAGATGGGTTTGGTGTGT 1
```

```
RESULT 2639
US-09-291-129-2
Sequence 2, Application US/09291129
Patent No. 6468742
GENERAL INFORMATION:
APPLICANT: NERENDEY, Michael I.
APPLICANT: CANTER, David M.
APPLICANT: RADTKEY, Ray R.
TITLE OF INVENTION: METHODS FOR DETERMINATION OF SINGLE
TITLE OF INVENTION: NUCLEIC ACID POLYMORPHISMS USING A
FILE OF INVENTION: BIOELECTRIC MICROCHIP
FILE REFERENCE: 240/240
CURRENT APPLICATION NUMBER: US/09/291,129
CURRENT FILING DATE: 1999-04-12
EARLIER APPLICATION NUMBER: US 09/030,156
EARLIER FILING DATE: 1998-02-25
EARLIER APPLICATION NUMBER: US 08/986,065
EARLIER FILING DATE: 1997-12-05
EARLIER APPLICATION NUMBER: US 08/859,644
EARLIER FILING DATE: 1997-05-20
EARLIER APPLICATION NUMBER: US 08/725,976
EARLIER FILING DATE: 1996-10-04
EARLIER APPLICATION NUMBER: US 08/708,262
EARLIER FILING DATE: 1996-09-06
EARLIER APPLICATION NUMBER: US 08/534,454
EARLIER FILING DATE: 1995-09-27
EARLIER APPLICATION NUMBER: US 08/304,657
EARLIER FILING DATE: 1994-09-09
EARLIER APPLICATION NUMBER: US 08/271,882
EARLIER FILING DATE: 1994-07-07
EARLIER APPLICATION NUMBER: US 08/146,504
EARLIER FILING DATE: 1993-11-01
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-291-129-2
```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      335 ATTACTTGTGAGTGACATC 354
Db      1 ACTACAGTGCAGTGACATC 20
```

```
RESULT 2640
US-09-291-129-13
Sequence 13, Application US/09291129
```

```
/ Patent No. 6468742
/ GENERAL INFORMATION:
/ APPLICANT: Nerenberg, Michael I.
/ APPLICANT: Carter, David M.
/ APPLICANT: Radtkey, Ray R.
/ TITLE OF INVENTION: METHODS FOR DETERMINATION OF SINGLE
/ TITLE OF INVENTION: NUCLEIC ACID POLYMORPHISMS USING A
/ FILE REFERENCE: 240/240
/ CURRENT APPLICATION NUMBER: US/09/291,129
/ EARLIER APPLICATION NUMBER: US 09/030,156
/ EARLIER FILING DATE: 1998-02-25
/ EARLIER APPLICATION NUMBER: US 08/986,065
/ EARLIER FILING DATE: 1997-12-05
/ EARLIER APPLICATION NUMBER: US 08/859,644
/ EARLIER FILING DATE: 1997-05-20
/ EARLIER APPLICATION NUMBER: US 08/725,976
/ EARLIER FILING DATE: 1996-10-04
/ EARLIER APPLICATION NUMBER: US 08/708,262
/ EARLIER FILING DATE: 1996-09-06
/ EARLIER APPLICATION NUMBER: US 08/534,454
/ EARLIER FILING DATE: 1995-09-27
/ EARLIER APPLICATION NUMBER: US 08/304,657
/ EARLIER FILING DATE: 1994-09-09
/ EARLIER APPLICATION NUMBER: US 08/271,882
/ EARLIER FILING DATE: 1994-07-07
/ EARLIER APPLICATION NUMBER: US 08/146,504
/ EARLIER FILING DATE: 1993-11-01
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 13
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: human
US-09-291-129-13
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      335 ATTACTTTGAGTGCATC 354
DB      1 ACTACAGTACGTGCATC 20

RESULT 2641
US-09-475-947A-56
/ Sequence 56, Application US/09475947A
/ Patent No. 6472154
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Wren, Jonathan D.
/ APPLICANT: Minna, John D.
/ TITLE OF INVENTION: Polymorphic Repeats in Human Genes
/ FILE REFERENCE: UTS0667
/ CURRENT APPLICATION NUMBER: US/09/475,947A
/ CURRENT FILING DATE: 1999-12-31
/ NUMBER OF SEQ ID NOS: 346
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 56
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: human
US-09-475-947A-56
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4261 CCTCTCTGCATGTCCTG 4280
DB      1 CCTGCGCTGTCTGTCCTG 20
```

```
RESULT 2642
US-09-908-594-42
/ Sequence 42, Application US/09908594
/ Patent No. 6472512
/ GENERAL INFORMATION:
/ APPLICANT: Lafleur, et al.
/ TITLE OF INVENTION: Keratinocyte Derived Interferon
/ FILE REFERENCE: PF482P2
/ CURRENT APPLICATION NUMBER: US/09/908,594
/ CURRENT FILING DATE: 2001-07-20
/ PRIOR APPLICATION NUMBER: 60/292,934
/ PRIOR FILING DATE: 2001-05-24
/ PRIOR APPLICATION NUMBER: 60/219,621
/ PRIOR FILING DATE: 2000-07-21
/ PRIOR APPLICATION NUMBER: 09/487,792
/ PRIOR FILING DATE: 2000-01-20
/ PRIOR APPLICATION NUMBER: US00/01239
/ PRIOR FILING DATE: 2000-01-20
/ PRIOR APPLICATION NUMBER: 09/358,587
/ PRIOR FILING DATE: 1999-07-21
/ PRIOR APPLICATION NUMBER: US99/16424
/ PRIOR FILING DATE: 1999-07-21
/ PRIOR APPLICATION NUMBER: 60/093,643
/ PRIOR FILING DATE: 1998-07-21
/ NUMBER OF SEQ ID NOS: 57
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 42
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: Primer Bind
/ OTHER INFORMATION: Synthetic primer complementary to the human STAT1.
US-09-908-594-42
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2104 CGACGACGGCAAGATCAT 2123
DB      1 CGTCCACGGAATGAGACCAT 20

RESULT 2643
US-09-706-197-84/C
/ Sequence 84, Application US/09706197
/ Patent No. 6475797
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: David Spector
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SR-CYP EXPRESSION
/ FILE REFERENCE: RTS-0145
/ CURRENT APPLICATION NUMBER: US/09/706,197
/ CURRENT FILING DATE: 2000-11-03
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 84
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-706-197-84
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6453 GTTTTGGATCTTTT 6472
DB      1 GTTTTGGATCTTTT 6472
```

Db 20 GTTTTGATGTTTATGT 1

## RESULT 2644

US-09-698-505A-36  
; Sequence 36, Application US/09698505A  
; Patent No. 6479242  
; GENERAL INFORMATION:  
; APPLICANT: Guo, Baochuan  
; TITLE OF INVENTION: A No. 6479242el Method for Genotyping of Single Nucleotide Polym  
; FILE REFERENCE: 27433/04001  
; CURRENT APPLICATION NUMBER: US/09/698,505A  
; CURRENT FILING DATE: 2001-02-06  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 36  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: A Homozygote  
US-09-698-505A-36

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2884 GGGTAGGAGAGTAGGA 2903

Db 1 GGGAGGAGAGCTGTGGA 20

RESULT 2645  
US-09-920-668-32/c  
; Sequence 32, Application US/09920668  
; Patent No. 6482644  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowbert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION  
; FILE REFERENCE: RTS-0246  
; CURRENT APPLICATION NUMBER: US/09/920,668  
; CURRENT FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 32  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-668-32

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3388 CCCCAGCTGCCACCCCCAC 3407

Db 20 CCACGGCTGCCACCACTAC 1

RESULT 2646  
US-10-090-190-13/c  
; Sequence 13, Application US/10090190  
; Patent No. 6485920  
; GENERAL INFORMATION:  
; APPLICANT: Ballinger, Dennis G.  
; TITLE OF INVENTION: Growth Factor Antagonist Materials and Methods  
; FILE REFERENCE: 28110/35878  
; CURRENT APPLICATION NUMBER: US/10/090,190  
; CURRENT FILING DATE: 2002-02-04  
; PRIOR APPLICATION NUMBER: US/09/370,398  
; PRIOR FILING DATE: 1998-08-06  
; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-10-090-190-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6254 ATCCAGTCCACCTGATCCA 6273

Db 20 ATCCAGCCCAAGTGTCCA 1

## RESULT 2647

US-09-213-383-29/c  
; Sequence 29, Application US/09213383  
; Patent No. 6491906  
; GENERAL INFORMATION:  
; APPLICANT: Strieter, Robert M.  
; Kunkel, Steven L.  
; TITLE OF INVENTION: CXCR Chemokines as Regulators of  
; Angiogenesis  
; NUMBER OF SEQUENCES: 93  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: TX  
; COUNTRY: US  
; ZIP: 77210  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/213,383  
; FILING DATE: 09-Dec-1998  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/468,819  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Highlander, Steven L.  
; REGISTRATION NUMBER: 37,642  
; REFERENCE/DOCKET NUMBER: UMIC.003/HYL  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 512/418-3000  
; TELEFAX: 512/474-7477  
; TELEX: N/A  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "DNA"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
US-09-213-383-29

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 45 CCGGGGGGGGCAACGAG 64

Db 20 CCTGACGGCGCAACAAG 1

RESULT 2648  
US-09-213-383-37/c  
Sequence 37, Application US/09213383  
Patent No. 6491906  
GENERAL INFORMATION:  
APPLICANT: Strieter, Robert M.  
Kunkel, Steven L.  
TITLE OF INVENTION: CXG Chemokines as Regulators of Angiogenesis  
NUMBER OF SEQUENCES: 93  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: TX  
COUNTRY: US  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/213,383  
FILING DATE: 09-Dec-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/468,819  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Highlander, Steven L.  
REGISTRATION NUMBER: 37,642  
REFERENCE/DOCKET NUMBER: UMIC:003/HYL  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7477  
TELEX: N/A  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
SEQUENCE DESCRIPTION: SEQ ID NO: 37:  
US-09-213-383-37

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2555 CGTACCAGCTGTGCCACT 2574  
Db 20 CGTACTGATGTGCTCGCT 1

RESULT 2649  
US-09-213-383-45/c  
Sequence 45, Application US/09213383  
Patent No. 6491906  
GENERAL INFORMATION:  
APPLICANT: Strieter, Robert M.  
Kunkel, Steven L.  
TITLE OF INVENTION: CXG Chemokines as Regulators of Angiogenesis  
NUMBER OF SEQUENCES: 93  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: TX  
COUNTRY: US  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/213,383  
FILING DATE: 09-Dec-1998  
CLASSIFICATION: <Unknown>

ADDRESS: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: TX  
COUNTRY: US  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/213,383  
FILING DATE: 09-Dec-1998  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Highlander, Steven L.  
REGISTRATION NUMBER: 37,642  
REFERENCE/DOCKET NUMBER: UMIC:003/HYL  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7477  
TELEX: N/A  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
SEQUENCE DESCRIPTION: SEQ ID NO: 45:  
US-09-213-383-45

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 45 CCGCGGGCGCGCAACGAG 64  
Db 20 CCTGACGGCGCAACAAG 1

RESULT 2650  
US-09-213-383-65/c  
Sequence 65, Application US/09213383  
Patent No. 6491906  
GENERAL INFORMATION:  
APPLICANT: Strieter, Robert M.  
Kunkel, Steven L.  
TITLE OF INVENTION: CXG Chemokines as Regulators of Angiogenesis  
NUMBER OF SEQUENCES: 93  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: TX  
COUNTRY: US  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/213,383  
FILING DATE: 09-Dec-1998  
CLASSIFICATION: <Unknown>

```

;
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/468,819
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 65:
US-09-213-383-65

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2555 CGTACGAGCTGTGCACACT 2574
DB 20 CGTACCGATGTGCTCGCT 1

RESULT 2651
US-09-844-521-67/c
; Sequence 67, Application US/09844521
; Patent No. 6492172
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Harris Busch
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
; FILE REFERENCE: PRS-0163
; CURRENT APPLICATION NUMBER: US/09/844,521
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-521-67

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5438 TTGGCGATGACAGAAAT 5457
DB 20 TTGGTCATATTAATGAAT 1

RESULT 2652
US-09-629-644A-131
; Sequence 131, Application US/09629644A
; Patent No. 6492345
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
```

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;
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-131

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6847 TAATAGACTTGACCTCTCC 6866
DB 1 TAATAGACTTGACATCTTC 20

RESULT 2653
US-09-629-644A-131
; Sequence 131, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-131

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6847 TAATAGACTTGACCTCTCC 6866
DB 1 TAATAGACTTGACATCTTC 20

RESULT 2654
US-08-545-573A-31/c
; Sequence 31, Application US/08545573A
; Patent No. 6495344
; GENERAL INFORMATION:
; APPLICANT: Carr, No. 64953441 Gordon
; APPLICANT: Mann, Nicholas Harold
; TITLE OF INVENTION: Phenylalanine-Free Protein and DNA Coding
; TITLE OF INVENTION: Therefor
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
```

```
;
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,573A
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/GB94/01046
; FILING DATE: 16-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9310472.7
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 016994-011900US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: /note "3'-terminal oligonucleotide PCR
; OTHER INFORMATION: primer for Block A"
; US-08-545-573A-31

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4987 GGCACAGCCCGCTGAGCA 5006
DB 20 GTCCCAACTCAGCTGAGCA 1

RESULT 2655
; Sequence 26, Application US/08569284
; Patent No. 6500417
; GENERAL INFORMATION:
; APPLICANT: DORSSERS J., LAMBERTUS C.
; APPLICANT: VAN LEEU, ROBERT W.
; TITLE OF INVENTION: MUTANTS OF HUMAN INTERLEUKIN-3
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,284
; FILING DATE: 08-DEC-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
```

```
;
; APPLICATION NUMBER: US/08/150,331
; FILING DATE:
; APPLICATION NUMBER: US 07/651,437
; FILING DATE: 05-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 24615-20010.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-569-284-26

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 224 GACCTCGGAGCAGCTGGC 243
DB 1 GATCCTCGCAGCAGCGGC 20

RESULT 2656
; US-09-898-361-87
; Sequence 87, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
; US-09-898-361-87

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6764 GAGTATGAGGCGCACTTTT 6783
DB 1 GGGTATGCAAGTCCCTTTT 20

RESULT 2657
; US-09-898-361-151
; Sequence 151, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 151
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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-151

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4746 GGAAGAAGGCTCTTAATCTT 4765
Db      1 GGAAGAAGGAGGAGCAAGCTT 20

RESULT 2658
US-09-657-346A-59
; Sequence 59, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-59

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      645 CTTGCTCAGCGGCCCAATCC 664
Db      1 CCAAGGCGAGTGGCCAGGTCC 20

RESULT 2659
US-09-657-346A-70/c
; Sequence 70, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-70

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7453 AAGACAACAGTGGCTTCTAT 7472
Db      1 AAGACAACAGTGGCTTCTAT 7472

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-43/c

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6189 TGAGAAGAAATGAGAGAA 6208
Db      20 TCAGAGAGAAATGAGAGCA 1

RESULT 2661
US-09-668-313A-75/c
; Sequence 75, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatc
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-75

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6992 TGAAGTGGAAAGGAGATT 7011
Db      20 TGAAGTGGAAATGAGACT 1

RESULT 2662
US-09-238-710-31
; Sequence 31, Application US/09238710A
; Patent No. 6518018
; GENERAL INFORMATION:
; APPLICANT: Szoetlak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihc
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/238,710A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-238-710-31

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7453 AAGACAACAGTGGCTTCTAT 7472
Db      1 AAGACAACAGTGGCTTCTAT 7472
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; FILE REFERENCE: 00786/350004
; CURRENT APPLICATION NUMBER: US/09/238,710A
; CURRENT FILING DATE: 1999-01-28
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splint
US-09-238-710-31

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4465 TTTT TTTT TTTT TTTT TTTT G 4484
DB 1 TTTT TTTT TTTT TTTT TTTT G 20

RESULT 2663
US-09-358-383C-21
; Sequence 21, Application US/09358383C
; Patent No. 6518398
; GENERAL INFORMATION:
; APPLICANT: Curtis, Roy A.J.
; TITLE OF INVENTION: NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR
; FILE REFERENCE: MNI-055CP
; CURRENT APPLICATION NUMBER: US/09/358,383C
; CURRENT FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: USSN 09/119,855
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-358-383C-21

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5997 GAAGTCAGAGGGTTTCTGG 6016
DB 1 GGAGTCGGAGGTGTTCTGG 20

RESULT 2664
US-09-290-000-5
; Sequence 5, Application US/09290000
; Patent No. 6531302
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Landis, Geoffrey C.
; APPLICANT: Feng, Lana L.
; APPLICANT: Edman, Carl F.
; TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
; TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
; FILE REFERENCE: 238/065
; CURRENT APPLICATION NUMBER: US/09/290,000
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
US-09-290-000-5

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGGTGGACATC 354
DB 1 ACTACAGTACGTGGACATC 20

RESULT 2665
US-09-290-000-22
; Sequence 22, Application US/09290000
; Patent No. 6531302
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Landis, Geoffrey C.
; APPLICANT: Feng, Lana L.
; APPLICANT: Edman, Carl F.
; TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
; TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
; FILE REFERENCE: 238/065
; CURRENT APPLICATION NUMBER: US/09/290,000
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
US-09-290-000-22

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGGTGGACATC 354
DB 1 ACTACAGTACGTGGACATC 20

RESULT 2666
US-09-389-283-17
; Sequence 17, Application US/09389283
; Patent No. 6531584
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: A. Kawasaki
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584rls
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 KB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/389,283
; FILING DATE:
; CLASSIFICATION:
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/035,357
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucchi
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-09-389-283-17

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Cy 6538 CATGAGTATCTGTAAGGCT 6557
Db 1 CAUAGGAGAGGCCUAGGCT 20

RESULT 2667
; US-09-972-800A-45/c
; Sequence 45, Application US/09972800A
; Patent No. 6534277
; GENERAL INFORMATION:
; APPLICANT: Hancock, W.
; APPLICANT: Ozkayrak, E.
; TITLE OF INVENTION: ROLES OF JAK/STAT FAMILY MEMBERS IN TOLERANCE
; FILE REFERENCE: 7853-192
; CURRENT APPLICATION NUMBER: US/09/972,800A
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US/09/549,654
; PRIOR FILING DATE: 2000-04-14
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-09-972-800A-45

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 744 CTCCTCTCTCACCGCTG 763
Db 20 CTCCTGCTTCAACGCTTG 1

RESULT 2668
; US-09-535-370-5/c
; Sequence 5, Application US/09535370
; Patent No. 6537594
; GENERAL INFORMATION:
; APPLICANT: Proietti, Enzo
; APPLICANT: Tarteagila, James
; APPLICANT: Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESSES:
; ADDRESSES: Curtiss, Morris & Safford
```

```

; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/535,370
; FILING DATE: 24-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/460,736
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
; US-09-535-370-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 6425 GTGGCTCTATTACTAA 6444
Db 20 GCGGCGGCTTAATTACTAA 1

RESULT 2669
; US-09-422-978-4925
; Sequence 4925, Application US/09422978
; Patent No. 6537251
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER 0200P1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4925
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-18729 for SEQ 991,
; US-09-422-978-4925
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Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1256 AGCGCGTATTAAGGAGCTG 1275
DB      1 AGTGTGTATATAGGGGCTG 20

RESULT 2670
US-09-422-978-5168/c
; Sequence 5168, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-22189 for SEQ 1234,
US-09-422-978-5168

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5184 CATGTTCTCCACTTGATAC 5203
DB      20 CATTTCTCACTAGGAAC 1

RESULT 2671
US-09-422-978-5234
; Sequence 5234, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5234
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20

; OTHER INFORMATION: upstream amplification primer 99-22675 for SEQ 1300,
US-09-422-978-5234

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7065 CATTGTTGAATGCATGAG 7084
DB      1 CATTCAAGAAATGCATGAG 20

RESULT 2672
US-09-422-978-6127/c
; Sequence 6127, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-9157 for SEQ 2193,
US-09-422-978-6127

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5702 GCCTTCCTTCTCTCTC 5721
DB      20 GTCATCCTTTCTCATCTC 1

RESULT 2673
US-09-422-978-6243
; Sequence 6243, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
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; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-10330 for SEQ 2309,
US-09-422-978-6243
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3212 AGAAGTGGGTGGAGGAGG 3231
DB      1 AGATGAGGTGAGGAGG 20

RESULT 2674
US-09-422-978-6329/c
; Sequence 6329, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6329
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-1076 for SEQ 2395,
US-09-422-978-6329
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7301 GTTTCCTTGAGATTGTG 7320
DB      20 GTTTCATGTGAGATTGTG 1

RESULT 2675
US-09-422-978-8529
; Sequence 8529, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8529

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-16202 for SEQ 664, in complem
US-09-422-978-8529
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6785 CTATTGGCCTTCTAGCAG 6804
DB      20 CATTTGTTCTTTTAGCAG 1

RESULT 2677
US-09-422-978-10500/c
; Sequence 10500, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8529
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; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10500
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-12393 for SEQ 2635, in complem
US-09-422-978-10500

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2860 GAGGAACAAGAGGAGGAGA 2879
Db      20  GAGGAACAAGAGGAGTGGAA 1

RESULT 2678
US-09-422-978-10511/c
; Sequence 10511, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US 09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 60/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10511
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-12595 for SEQ 2646, in complem
US-09-422-978-10511

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5987 CAACCTGTGTGAAGTCAGGA 6006
Db      20  CTACTGTGTGAATCCAGAA 1

RESULT 2679
US-09-422-978-11697/c
; Sequence 11697, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US 09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
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; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11697
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-253 for SEQ 3832, in complemen
US-09-422-978-11697

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3639 GAGGTGATGGGAGAGAA 3658
Db      20  GAGGAAAAATGCTGAGAGAA 1

RESULT 2680
US-08-894-454-72/c
; Sequence 72, Application US/08894454
; Patent No. 6544784
; GENERAL INFORMATION:
; APPLICANT: VAN DEN VEN, W.J.M.
; APPLICANT: SCHOENMAKERS, H.F.P.M.
; TITLE OF INVENTION: MULTIPLE-TUMOR ABERRENT GROWTH
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESSES:
; ADDRESS: The Webb Law Firm
; STREET: 700 Koppers Building, 436 Seventh Avenue
; CITY: Pittsburgh
; STATE: PA
; COUNTRY: USA
; ZIP: 15219-1818
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/894,454
; FILING DATE: 15-AUG-1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP/00716
; FILING DATE: 19-FEB-1996
; APPLICATION NUMBER: 95200390.3
; FILING DATE: 17-FEB-1995
; APPLICATION NUMBER: 95201951.1
; FILING DATE: 14-JUL-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, Barbara E
; REGISTRATION NUMBER: 31,198
; REFERENCE/DOCKET NUMBER: 702-971100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 412-471-8815
; TELEFAX: 412-471-4094
; TELEX:
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-894-454-72
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Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3683 GCCAGAAAGCCACTATTTT 3702  
DB 20 GCCACCATACCACTATTTT 1

## RESULT 2681

US-09-060-299-240  
Sequence 240, Application US/09060299  
Patent No. 6545137

## GENERAL INFORMATION:

APPLICANT: Todd, John A  
APPLICANT: Heese, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshiniko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L  
TITLE OF INVENTION: No. 6545137el Receptor  
NUMBER OF SEQUENCES: 455  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon and Vanderhye  
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: US

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/060,299  
FILING DATE: 15-APR-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J. Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-35  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 240:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-060-299-240

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5893 GCAGAGACCAAGACCTGT 5912  
DB 1 GCAACAGGACCAACCTGT 20

RESULT 2682  
US-09-705-267A-57/c

Sequence 57, Application US/09705267A

Patent No. 6551826  
GENERAL INFORMATION:

APPLICANT: Hong Zhang  
APPLICANT: Susan M. Freier  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION  
FILE REFERENCE: RTS-0211  
CURRENT APPLICATION NUMBER: US/09/705,267A  
CURRENT FILING DATE: 2000-11-01  
NUMBER OF SEQ ID NOS: 177  
SEQ ID NO 57  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

US-09-705-267A-57

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5048 CCTACATTCCTTACACAGT 5067  
DB 20 CCTAGATTCCTTACACAGT 1

## RESULT 2683

US-09-705-267A-113/c  
Sequence 113, Application US/09705267A  
Patent No. 6551826  
GENERAL INFORMATION:

APPLICANT: Hong Zhang  
APPLICANT: Susan M. Freier  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION  
FILE REFERENCE: RTS-0211  
CURRENT APPLICATION NUMBER: US/09/705,267A  
CURRENT FILING DATE: 2000-11-01  
NUMBER OF SEQ ID NOS: 177  
SEQ ID NO 113  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

US-09-705-267A-113

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5768 TTGCTGCGCGCTGCTGC 5787  
DB 20 TTGCTGACATCCTGCTTC 1

## RESULT 2684

US-09-402-923A-240  
Sequence 240, Application US/09402923A  
Patent No. 6555654  
GENERAL INFORMATION:

APPLICANT: Todd, John A  
APPLICANT: Heese, John W  
APPLICANT: Caskey, Charles T  
APPLICANT: Cox, Roger D  
APPLICANT: Gerhold, David  
APPLICANT: Hammond, Holly  
APPLICANT: Hey, Patricia  
APPLICANT: Kawaguchi, Yoshiniko  
APPLICANT: Merriman, Tony R  
APPLICANT: Metzker, Michael L

```

; TITLE OF INVENTION: No. 6555654e1 LDU-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-Apr-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-Apr-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 240:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 240:
US-09-402-923A-240
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 5893 GCAGAGACCAAGAACTGT 5912
Db 1 GCACAGACCAAGAACTGT 20
RESULT 2685
US-09-198-452A-1563/c
; Sequence 1563, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1563
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1563
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 921 GGACATCAGCAATGATG 940
```

```

Db 20 GGGCTTCTGATCATGATG 1
RESULT 2686
US-09-198-452A-1681
; Sequence 1681, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1681
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1681
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 7032 TAGGAACCTTCACAAATG 7051
Db 1 TGGGAACCTTCACAAATG 20
RESULT 2687
US-09-198-452A-1880/c
; Sequence 1880, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1880
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1880
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 2820 AAAGTTTCACAGCCCGAG 2839
Db 20 AAAGTTTCACAGCCCGAG 1
RESULT 2688
US-09-198-452A-2085
; Sequence 2085, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
```

```
; SEQ ID NO 2085
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2085
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      978 CTTCCACGAGATCAAG 997
Db      1 CTTCCCATGATATCAGG 20
```

```
RESULT 2689
US-09-198-452A-2147
; Sequence 2147, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2147
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      5003 AAGAACGATGAGGCTC 5022
Db      1 AAGAACGACGAGGCGGCC 20
```

```
RESULT 2690
US-09-198-452A-2339/c
; Sequence 2339, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2339
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2339
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      6384 CCTAAGAGCTCTAATGCC 6403
Db      20 CCTAAGAGCTCTAAGACC 1
```

```
RESULT 2691
US-09-198-452A-2492
```

```
; Sequence 2492, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2492
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2492
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1542 GATTGAGATCAAGTCTGG 1561
Db      1 GATCGAGATCAAGACTCGG 20
```

```
RESULT 2692
US-09-198-452A-2493/c
; Sequence 2493, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2493
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2493
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2850 CCCGAATCCAGAGAGCAA 2869
Db      20 CCCGAATCCAGAGAGCTAA 1
```

```
RESULT 2693
US-09-198-452A-2599/c
; Sequence 2599, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2599
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2599
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4764 CTGGCCTGTAGAGTTAGAAC 4783
DB      20 CCGTCAGTAGAGTTAGAAC 1

RESULT 2694
US-09-198-452A-3426
; Sequence 3426, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3426
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3426

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6406 CCTGCTAGATAGCTTCTCTG 6425
DB      1 CCTGCTAGGAGAGCTGCGCTG 20

RESULT 2695
US-09-198-452A-3526/C
; Sequence 3526, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3526
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3526

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4426 TGGTTTCCCATGAGGCGATG 4445
DB      20 TAGTTCCCATGAGGCGCTTG 1

RESULT 2696
US-09-198-452A-4058
; Sequence 4058, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
```

```
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4058
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4058

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      921 GGACATCAGAAATGATGATG 940
DB      1 GGGCTTGTGATCATGATG 20

RESULT 2697
US-09-198-452A-4627
; Sequence 4627, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4627
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4627

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4631 GTTGCACTTCACTGTGGAA 4650
DB      1 GATCCAACTTCAAGATGCCAA 20

RESULT 2698
US-09-198-452A-4655
; Sequence 4655, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4655
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4655

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1785 GCCGTGTGATGATGATGATG 1804
DB      1 GCGGTGTGATGATGATGATG 1
```



Db 1 GTCGCTGTTGCTGATGACA 20

RESULT 2699

US-09-198-452A-4703

Sequence 4703, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4703

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4703

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4590 GACTGTCATTTTTCCTG 4609

Db 1 GACTTCTCGTTTGTGCTG 20

RESULT 2700

US-09-198-452A-4705

Sequence 4705, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4705

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4705

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4590 GACTGTCATTTTTCCTG 4609

Db 1 GACTTCTCGTTTGTGCTG 20

RESULT 2701

US-09-198-452A-4710

Sequence 4710, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4710

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4710

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4590 GACTGTCATTTTTCCTG 4609

Db 1 GACTTCTCGTTTGTGCTG 20

RESULT 2702

US-09-198-452A-4715

Sequence 4715, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4715

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4715

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1632 GAAGATTCACAGATCGG 1651

Db 1 GAAGTCTACAGAGATG 20

RESULT 2703

US-09-198-452A-4808/c

Sequence 4808, Application US/09198452A

Patent No. 6559294

GENERAL INFORMATION:

APPLICANT: Grifflais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4808

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-09-198-452A-4808

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3582 GCTGCAACTGCACTTT 3601

Db 20 GCTGCGTACTCCACATT 1

RESULT 2704

US-09-198-452A-5028

Sequence 5028, Application US/09198452A

```
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5028
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5028

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7242 GTCGACGATGATGGGAAA 7261
DB      1 GTCGACGATGCTGAGGAAA 20

RESULT 2705
US-09-198-452A-5038
/ Sequence 5038, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5038
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5038

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4622 GATGGGAGTTGCAACTTC 4641
DB      1 GGAAGGAGTTGCAACTCC 20

RESULT 2706
US-09-198-452A-5266/C
/ Sequence 5266, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5266
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5266

Query Match          0.2%; Score 13.6; DB 1; Length 20;
```

```
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3935 TCTCCCTTGAGTGCAGTGC 3954
DB      20 TCTAACCTGAGGCTCAAGTC 1

RESULT 2707
US-09-198-452A-5520/C
/ Sequence 5520, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5520
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5520

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4906 CATTATGGAGAAAGCATCAG 4925
DB      20 CATTGTCGAGCAAGCTTCAG 1

RESULT 2708
US-09-198-452A-5527/C
/ Sequence 5527, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5527
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5527

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4652 TTCCCTTGAGAGCCTGG 4671
DB      20 TTCCCTTGAGAGCCTGG 1

RESULT 2709
US-09-198-452A-5586/C
/ Sequence 5586, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Grifflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
```

```
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5586
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5586

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5348 CCAGTTGGTTTTCAGCTGGG 5367
DB 20 CCAGTTGGTTTCCAGGTGTG 1

RESULT 2710
US-09-198-452A-5695/c
Sequence 5695, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5695
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5695

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6795 TTCTAGCAGATTGGGAGG 6814
DB 20 TTCTAGAGAGTTGGGAGC 1

RESULT 2711
US-09-198-452A-5857
Sequence 5857, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5857
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5857

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2032 CCTTCTACAGCAGGTGT 2051
DB 1 CCTTCTATCAAGGAGGTT 20
```

```
RESULT 2712
US-09-198-452A-6061/c
Sequence 6061, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6061
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6061

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 ACAGATGAAGAGGAACTACC 1045
DB 20 ACTGTAGAGAGGAACTGCC 1

RESULT 2713
US-09-198-452A-6585
Sequence 6585, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6585
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6585

Query Match
Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4575 CTGCCCTTTTCTGACTG 4594
DB 1 CTGCCAGTTCTTCTGATTG 20

RESULT 2714
US-09-198-452A-6610
Sequence 6610, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6610
LENGTH: 20
```

TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-6610

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4333 CTTTGCGTCATCCTAGATTG 4352  
DB 1 CTTTGCGTCATCCTAGATTG 20

RESULT 2715  
US-09-198-452A-6752/c  
Sequence 6752, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Giffels, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 6752  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-6752

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5192 CCACTTGATCATTTGGG 5211  
DB 20 CCCCTTGATCATGTGGG 1

RESULT 2716  
US-09-582-337-3/c  
Sequence 3, Application US/09582337  
Patent No. 6562618  
GENERAL INFORMATION:  
APPLICANT: Japan Tobacco, Inc.  
TITLE OF INVENTION: Monoclonal Antibody Against Connective Tissue Growth Factor  
FILE REFERENCE: J1-009PCT  
CURRENT APPLICATION NUMBER: US/09/582,337  
CURRENT FILING DATE: 2000-06-23  
PRIOR APPLICATION NUMBER: JP P1997-367699  
PRIOR FILING DATE: 1997-12-25  
PRIOR APPLICATION NUMBER: JP P1998-356183  
PRIOR FILING DATE: 1998-12-15  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Artificially  
NAME/KEY: primer bind  
LOCATION: (1)..(20)  
US-09-582-337-3

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7413 CAGACGACGACGACGACCA 7432  
DB 20 CAGACGCGGACGACGCGCA 1

RESULT 2717  
US-09-909-595-62/c  
Sequence 62, Application US/09909595  
Patent No. 6586245  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Brenda F. Baker  
APPLICANT: Jacqueline Wyatt  
APPLICANT: Scott E. Davis  
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION  
FILE REFERENCE: RTS-0223  
CURRENT APPLICATION NUMBER: US/09/909,595  
CURRENT FILING DATE: 2001-07-18  
NUMBER OF SEQ ID NOS: 91  
SEQ ID NO 62  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-909-595-62

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGCTGCTACTCTC 5346  
DB 20 TCTCTCTCATCTCTCTC 1

RESULT 2718  
US-09-954-594A-5  
Sequence 5, Application US/09954594A  
Patent No. 6589742  
GENERAL INFORMATION:  
APPLICANT: Nerenberg, Michael I.  
APPLICANT: Westin, Lorelei P.  
APPLICANT: Edman, Carl P.  
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC STRUCTURES  
FILE REFERENCE: 241/109  
CURRENT APPLICATION NUMBER: US/09/954,594A  
CURRENT FILING DATE: 2001-09-17  
PRIOR APPLICATION NUMBER: 09/290,452  
PRIOR FILING DATE: 1999-04-12  
NUMBER OF SEQ ID NOS: 62  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: human  
US-09-954-594A-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGGTGACATC 354  
DB 1 ACTACAGTACGTGACATC 20

RESULT 2719  
US-09-954-594A-22  
Sequence 22, Application US/09954594A

```

; Patent No. 6589742
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Weerlin, Lorelei P.
; APPLICANT: Edman, Carl F.
; APPLICANT: Carrino, John
; TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
; TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
; TITLE OF INVENTION: STRUCTURES
; FILE REFERENCE: 241/109
; CURRENT APPLICATION NUMBER: US/09/954,594A
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/290,452
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; US-09-954-594A-22

Query Match          0.2% Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      335 ATTACTTTGAGTGACATC 354
Db      1 ACTACAGTGACGTGACATC 20

RESULT 2720
US-09-081-385-63/c
; Sequence 63, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577, 21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
```

```

; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-081-385-63

Query Match          0.2% Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2409 CACAGTGACACCAACATCA 2428
Db      20 CACATTGCTCACCAAGACCA 1

RESULT 2721
US-09-136-159A-5/c
; Sequence 5, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
; APPLICANT: Virogenetics Corporation
; APPLICANT: Paolletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I
; TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
; FILE REFERENCE: 454310-2690.1
; CURRENT APPLICATION NUMBER: US/09/136,159A
; PRIOR FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: US 08/417,210
; PRIOR FILING DATE: 1995-04-05
; PRIOR APPLICATION NUMBER: US 08/223,842
; PRIOR FILING DATE: 1994-04-06
; PRIOR APPLICATION NUMBER: US 07/897,382
; PRIOR FILING DATE: 1992-06-11
; PRIOR APPLICATION NUMBER: US 07/715,921
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: US 08/105,483
; PRIOR FILING DATE: 1993-08-12
; PRIOR APPLICATION NUMBER: US 07/847,951
; PRIOR FILING DATE: 1992-03-06
; PRIOR APPLICATION NUMBER: US 07/713,967
; PRIOR FILING DATE: 1991-06-11
; PRIOR APPLICATION NUMBER: US 07/666,056
; PRIOR FILING DATE: 1991-03-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Complementary 20mer oligonucleotide referred to as MFSYN47
; US-09-136-159A-5

Query Match          0.2% Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6425 GTGACCTCTATTAGCTAA 6444
Db      20 GCGGCCCTTATTACTTAA 1

RESULT 2722
US-09-823-634A-8
; Sequence 8, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Datsagurpa, Nanbhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; TITLE OF INVENTION: MISMATCHES USING RNASE H
; FILE REFERENCE: 47541-20006.00
```

```

? CURRENT APPLICATION NUMBER: US/09/823,634A
? CURRENT FILING DATE: 2002-02-28
? NUMBER OF SEQ ID NOS: 27
? SOFTWARE: FASTSEQ for Windows Version 4.0
? SEQ ID NO: 8
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURES:
? OTHER INFORMATION: Oligonucleotide AGTGTGTTGGCTCAGTTCATG
? US-09-823-634A-B

```

Query Match	0.2%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 2.3e+03;		
Matches 16;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0

```
QY      4464 TTTTYYYYTTTTTTTTTTTTTT 4483
          ||||| | ||||| |
Db       1 TTTTAAAAATTTTTTTTTT 20
```

```

RESULT 2723
US-09-823-634A-9
: Sequence 9, Application US/09823634A
: Patent No. 6596489
: GENERAL INFORMATION:
: APPLICANT: Applied Gene Technologies, Inc.
: APPLICANT: Datagapta, Nanibhusan
: TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
: TITLE OF INVENTION: MISMATCHES USING RNASE H
: FILE REFERENCE: 47541-20006.00
: CURRENT APPLICATION NUMBER: US/09/823, 634A
: CURRENT FILING DATE: 2002-02-28
: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 9
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: OTHER INFORMATION: Oligonucleotide ACT02012
US-09-823-634A-9

```

Query Match	0.2%	Score 13.6	DB 1	length 20
Best Local Similarity	80.0%	Pred. No. 2.3e+03		
Matches	16	Conservative	0	Mismatches 4
				Indels 0
				Gaps 0
Qy	4464	TTTTTTTTTTTTTTTTTTTT	4483	
Db	1	TTTTTTTTAAAAATTTTTTTT	20	

```

RESULT 2724
US-09-823-634A-10
; Sequence 10, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Datagupta, Nambhustan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; TITLE OF INVENTION: MISMATCHES USING RNASE H
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide AGT02013
; US-09-823-634A-10

```

```

Query Match          0.2%;   Score 13.6; DB 1;   Length 20;
Best Local Similarity 80.0%;   Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 4464 TTTTTTTTTTTTTTTTTT 4483
      |||||  |||||
Db 1 TTTTTTAAATTTTTTTTT 20

```

RESULT 2725  
US-09-823-634A-11

```

: GENERAL INFORMATION:
: APPLICANT: Applied Gene Technologies, Inc.
: APPLICANT: Datagupia, Nanibushian
: TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
: TITLE OF INVENTION: MISMATCHES USING RNASE H
: FILE REFERENCE: 47541-2006.00
: CURRENT APPLICATION NUMBER: US/09/823,634A
: CURRENT FILING DATE: 2002-02-28
: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 11
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Oligonucleotide AGT02014
US-09-823-634A-11

```

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
 Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY	4464	4483
Db	1	20

```

RESULT 2726
US-09-823-634A-12/c
Sequence 12, Application US/09823634A
Patent No. 6596489
GENERAL INFORMATION:
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Dattagupta, Nambinushan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
TITLE OF INVENTION: MISMATCHES USING RNASE H
FILE REFERENCE: 47541-20006.00
CURRENT APPLICATION NUMBER: US/09/823,634A
CURRENT FILING DATE: 2002-02-28
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Complement DNA oligo AGTGT2009
US-09-823-634A-12

```

Query Match	0.2%	Score 13.6	DB 1	Length 20
Best Local Similarity	80.0%	Pred. No. 2.3e+03		
Matches	16	Conservative	0	Mismatches 4
				Indels 0
				Gaps 0
QY	4464	TTTTTTTTTTTTTTTTTTTT	4483	
Db	20	TTTTTTTAAATTTTTTTT	1	

**RESULT 2727**

```

US-09-823-634A-13/c
; Sequence 13, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dactagupa, Nanbhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02020
US-09-823-634A-13

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 4464 TTTTTCACATTTT 4483
Db 20 TTTTTCACATTTT 1

```

```

RESULT 2728
US-09-823-634A-14/c
; Sequence 14, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dactagupa, Nanbhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02021
US-09-823-634A-14

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 4464 TTTTTCACATTTT 4483
Db 20 TTTTTCACATTTT 1

```

```

RESULT 2729
US-09-823-634A-15/c
; Sequence 15, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dactagupa, Nanbhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT FILING DATE: 2002-02-28
US-09-823-634A-15

```

```

; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02022
US-09-823-634A-15

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 4464 TTTTTCACATTTT 4483
Db 20 TTTTTCACATTTT 1

```

```

RESULT 2730
US-09-823-634A-16/c
; Sequence 16, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dactagupa, Nanbhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02023
US-09-823-634A-16

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy 4464 TTTTTCACATTTT 4483
Db 20 TTTTTCACATTTT 1

```

```

RESULT 2731
US-09-823-634A-17/c
; Sequence 17, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dactagupa, Nanbhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02024
US-09-823-634A-17

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;

```





```

1  APPLICANT: DattaGupta, Nanibhusan
2  TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
3  TITLE OF INVENTION: THEREOF
4  FILE REFERENCE: 47541-20004-20
5  CURRENT APPLICATION NUMBER: US 09/823,647B
6  CURRENT FILING DATE: 2002-05-07
7  PRIOR APPLICATION NUMBER: US 09/616,761
8  PRIOR FILING DATE: 2000-07-14
9  NUMBER OF SEQ ID NOS: 27
10 SOFTWARE: FastSeq for Windows Version 4.0
11 SEQ ID NO 12
12 LENGTH: 20
13 TYPE: DNA
14 ORGANISM: Artificial Sequence
15 FEATURE:
16 OTHER INFORMATION: Complement DNA oligo AGCT02009
17 US-09-823-647B-12

```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity .80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels
```

**Oy**

4464 TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT  
||||| ||||| ||||| |||||  
**D8** 20 TTTTTT AAAA TTTT TTTT TTTT TTTT TTTT TTTT TTTT  
1

```

RESULT 2737
US-09-823-647B-13/c
; Sequence 13, Application US/09823647B
; Patent No. 6596490
GENERAL INFORMATION:
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Datagap, Nambhustan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
;
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02020
US-09-823-647B-13

```

Query Match	0.2%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 2.3e+03;		
Matches 16; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

QY	4464	TTTTTTTTTTTTTTTTTTTT	4483
20	TTTTTTCAAA	TTTTTTTTTTTTTTTT	1

RESULT 2738  
US-09-823-647B-14/c  
; Sequence 14, Application US/09823647B  
; Patent No. 6596490  
; GENERAL INFORMATION:  
; APPLICANT: Applied Gene Technologies, Inc.  
; APPLICANT: Datsagupta, Nandhubhan  
; TITLE OF INVENTION: NICOTIC ACID HAIRPIN PROBES AND USES  
; TITLE OF INVENTION: THEROP  
; FILE REFERENCE: 47541-20004.20  
; CURRENT APPLICATION NUMBER: US/09/823.647B  
; CURRENT FILING DATE: 2002-05-07  
; PRIOR APPLICATION NUMBER: US 09/616,761

```

? PRIOR FILING DATE: 2000-07-14
?
? NUMBER OF SEQ ID NOS: 27
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 14
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
FEATURE:
? OTHER INFORMATION: Oligo AGT02021
US-05-823-647B-14

```

Query Match	0.2%;	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. NC. 2.3e+03;		
Matches 16;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;

**OY**      4464 TTTTTTTTTTTTTTTTTT 4483  
         |||||        |||||  
**Db**      20 TTTTTTTTCAATTTTTTTT 1

```

RESULT 2739
US-09-823-647B-15/c
/ Sequence 15, Application US/09823647B
/ Patent No. 6596490
/ GENERAL INFORMATION:
/ APPLICANT: Applied Gene Technologies, Inc.
/ APPLICANT: Datagupta, Nandubhusan
/ TITLE OF INVENTION: NOCLEIC ACID HAIRPIN PROBES AND USES
/ TITLE OF INVENTION: THEREOF
/ FILE REFERENCE: 47541-2000A, 20
/ CURRENT APPLICATION NUMBER: US/09/823,647B
/ CURRENT FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: US 09/616,761
/ PRIOR FILING DATE: 2000-07-14
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligo AGT02022
US-09-823-647B-15

```

Query Match	0.2%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 2.3e+03;		
Matches 16; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

QY 4464 TTTTTTTTTTTTTTTTTT 4483  
 ||||| |||||  
 Db 20 TTTTTTTTCCAAATTTTTTTTTT 1

```

RESULT 2740
US-09-823-647B-16/C
? Sequence 16, Application US/09823647B
? Patent No. 6596450
? GENERAL INFORMATION:
? APPLICANT: Applied Gene Technologies, Inc.
? APPLICANT: Datagupta, Nanibhusan
? TITLE OF INVENTION: NOCLETIC ACID HAIRPIN PROBES AND USES
? TITLE OF INVENTION: THEREOF
? FILE REFERENCE: 47541-20004.20
? CURRENT APPLICATION NUMBER: US/09/823,647B
? CURRENT FILING DATE: 2002-05-07
? PRIOR APPLICATION NUMBER: US 09/616,761
? PRIOR FILING DATE: 2000-07-14
? NUMBER OF SEQ ID NOS: 27
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 16
? LENGTH: 20
? TYPE: DNA
? ..ORGANISM: Artificial Sequence

```



```

; APPLICANT: Pfizer Products, Inc.
; TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND
; FILE REFERENCE: 3153.00187/PC10589A
; CURRENT APPLICATION NUMBER: US/09/689,065B
; PRIOR FILING DATE: 2000-10-12
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: US Prov. 60/160,922
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Lawsonia intracellularis
US-09-689-065B-10

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      1552 AAGCTCGGCGCATCGCTG 1571
      |||||
DB      1 AGAGTCGGCGCACTCCAG 20

```

```

RESULT 2746
US-08-944-410-7
; Sequence 7, Application US/08944410
; Patent No. 6607878
; GENERAL INFORMATION:
; APPLICANT: Sotose, Joseph A.
; TITLE OF INVENTION: COLLECTIONS OF UNIQUELY TAGGED MOLECULES
; FILE REFERENCE: 04121.0018-00000
; CURRENT APPLICATION NUMBER: US/08/944,410
; CURRENT FILING DATE: 1997-10-06
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-08-944-410-7

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      5774 GCCGCGCTGCTGCTGCTGCT 5793
      |||||
DB      1 GCCAACCAGCGCGCTGCT 20

```

```

RESULT 2747
US-09-526-193A-79/c
; Sequence 79, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08

```

```

; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-79

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      2330 AGAAGCCATCACACCCG 2349
      |||||
DB      20 AGATACCATCACACGAC 1

```

```

RESULT 2748
US-09-434-840-16
; Sequence 16, Application US/09434840
; Patent No. 6620985
; GENERAL INFORMATION:
; APPLICANT: Glazebrook, Jane
; APPLICANT: Jirage, Dayadevi
; APPLICANT: Tootle, Tina L
; APPLICANT: Zhou, Nan
; APPLICANT: Fays, Bart
; TITLE OF INVENTION: PAD4 COMPOSITIONS AND METHODS THEREFOR
; FILE REFERENCE: 043503.0009
; CURRENT APPLICATION NUMBER: US/09/434,840
; CURRENT FILING DATE: 1999-11-04
; EARLIER APPLICATION NUMBER: 09/190,733
; EARLIER FILING DATE: 1998-11-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer PAD4.26
US-09-434-840-16

```

```

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      5313 GTGTTCTCTCTCTCTCTCTCTC 5332
      |||||
DB      1 GGCTCTCTCATATCTCTC 20

```

```

RESULT 2749
US-08-754-311B-8/c
; Sequence 8, Application US/08754311B
; Patent No. 6623937
; GENERAL INFORMATION:
; APPLICANT: Bonini, Nancy M.
; APPLICANT: Lelasseur, William M.
; APPLICANT: Benzer, Seymour
; TITLE OF INVENTION: PROGRAMMED CELL DEATH ANTAGONIST
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Flehr, Hobbach, Teet, Albritton & Herbert
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States

```

ZIP: 94111-4187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/754,311B  
FILING DATE: 21-NOV-1996  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/195,152  
FILING DATE: 14-FEB-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Treacartin, Richard F.  
REGISTRATION NUMBER: 31,801  
REFERENCE/DOCKET NUMBER: A-59551/RPT/RMS  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: unknown  
US-08-754-311B-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6895 CTCTCCCTTACTCTACTCAT 6914  
DB 20 CTCTCCCTTATGCACTCCT 1

RESULT 2750  
US-09-916-963-5/c  
Sequence 5, Application US/09916963  
Patent No. 6632438  
GENERAL INFORMATION:  
APPLICANT: Paolletti, Enzo  
Pincus, Steven E.  
Cox, William I.  
Kaufman, Elizabeth K.  
TITLE OF INVENTION: RECOMBINANT POXVIRUS - CYTOMEGALOVIRUS,  
COMPOSITIONS AND USES  
NUMBER OF SEQUENCES: 176  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Curtis, Morris & Safford  
STREET: 530 Fifth Avenue  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/916,963  
FILING DATE: 26-Jul-2001  
CLASSIFICATION: <Unknown>  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,014  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer Esq., William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2720

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-916-963-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCTCTCTATTAGCTTA 6444  
DB 20 GCGGCGCTTATTAATCTTA 1

RESULT 2751  
US-09-664-846A-2/c  
Sequence 2, Application US/09664846A  
Patent No. 6639122  
GENERAL INFORMATION:  
APPLICANT: Tu, Chin-Fu  
APPLICANT: Tsuiji, Kimiyoshi  
APPLICANT: Lee, Jang-Ming  
APPLICANT: Lee, Chun-Jean  
TITLE OF INVENTION: Transgenic Swine Having HLA-D Gene, Swine Cells Thereof and Xenog  
FILE REFERENCE: P1199  
CURRENT APPLICATION NUMBER: US/09/664,846A  
CURRENT FILING DATE: 2000-09-19  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 2  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Transgenic Swine Cell DNA  
US-09-664-846A-2

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGAATTGACAGACGACTG 1629  
DB 20 AGAGCTTCACAGTGCAGCG 1

RESULT 2752  
US-09-860-473-161  
Sequence 161, Application US/09860473  
Patent No. 6656732  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION  
FILE REFERENCE: RTS-0222  
CURRENT APPLICATION NUMBER: US/09/860,473  
CURRENT FILING DATE: 2001-05-18  
NUMBER OF SEQ ID NOS: 169  
SEQ ID NO 161  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-860-473-161

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7126 CCGTGCACACAGTCCAGCC 7145  
DB 1 CCGTGCACACAGTCCATCC 20

## RESULT 2753

US-09-092-218-3/C  
; Sequence 3, Application US/09092218A  
; Patent No. 6660520  
; GENERAL INFORMATION:  
; APPLICANT: Black, Michael T.  
; APPLICANT: Milding, Edwina Imogen  
; APPLICANT: Shilling, Lisa K.  
; APPLICANT: Kosmicka, Anna L.  
; APPLICANT: Jaworski, Deborah D.  
; APPLICANT: Wang, Min  
; TITLE OF INVENTION: nrd  
; FILE REFERENCE: GM10156  
; CURRENT APPLICATION NUMBER: US/09/092,218A  
; CURRENT FILING DATE: 1998-06-05  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Streptococcus pneumoniae  
US-09-092-218-3

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3757 TCAAGATGTTAAATCCAT 3776  
DB 20 TCAAGATGTTAAATCCAT 1

RESULT 2754  
US-09-980-052-93  
; Sequence 93, Application US/09980052  
; Patent No. 6670130

; GENERAL INFORMATION:  
; APPLICANT: Kim, Jeong Joon; SJ HIGHTECH CO., Ltd.  
; APPLICANT: Kim, Cheol Min

; APPLICANT: Park, Hee Kyung  
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria  
; FILE REFERENCE: P05020/PCT  
; CURRENT APPLICATION NUMBER: US/09/980,052

; CURRENT FILING DATE: 2001-11-28  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635  
; PRIOR FILING DATE: 1999-05-29  
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 243  
; SOFTWARE: Kopacntin 1.71  
; SEQ ID NO 93

; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae

US-09-980-052-93

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4466 TTTTCTCTCTGTTTGT 4485  
DB 1 TTTCTCTCTGTTTGT 20

## RESULT 2755

US-09-495-714C-7  
; Sequence 7, Application US/09495714C  
; Patent No. 6670465  
; GENERAL INFORMATION:  
; APPLICANT: University Technologies International Inc.  
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE  
; FILE REFERENCE: 45499.4 (formerly 45074.6)  
; CURRENT APPLICATION NUMBER: US/09/495,714C  
; CURRENT FILING DATE: 2000-02-01  
; NUMBER OF SEQ ID NOS: 138  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 7  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-09-495-714C-7

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3418 TTCTCTCTGTTCCATTTT 3437  
DB 1 TTCTCTCTGTTACCTTGT 20

RESULT 2756  
PCT-US91-05742-9/C  
; Sequence 9, Application PC/TUS9105742  
; GENERAL INFORMATION:

; APPLICANT: Cowser, Lex M

; APPLICANT: Ecker, David J

; TITLE OF INVENTION: Inhibition of Influenza Viruses

; NUMBER OF SEQUENCES: 41

; CORRESPONDENCE ADDRESS:

; STREET: One Liberty Place--46th floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: US

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: PC-DOS

; SOFTWARE: WORDPERFECT 5.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US91/05742

; FILING DATE: 19910813

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: SIS-0359

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-34391

; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: NUCLEIC ACID

```
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US91-05742-9
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      7288 CTTGTTGCATTGTTGCC 7307
Db      20 CTTATTCCGTTGGTTCCC 1
```

```
RESULT 2757
PCT-US91-05742-11/c
Sequence 11, Application PC/TUS9105742
GENERAL INFORMATION:
APPLICANT: Cowser, Lex M
APPLICANT: Ecker, David J
TITLE OF INVENTION: Inhibition of Influenza Viruses
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
STREET: One Liberty Place--46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: US
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05742
FILING DATE: 19910813
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0359
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US91-05742-11
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      7288 CTTGTTGCATTGTTGCC 7307
Db      20 CTTATTCCGTTGGTTCCC 1
```

```
RESULT 2758
PCT-US93-04863-23/c
Sequence 23, Application PC/TUS9304863
GENERAL INFORMATION:
APPLICANT: Ronald L. Marshall
APPLICANT: John J. Carrino
```

```
APPLICANT: Joann C. Sustachek
APPLICANT: ABBOTT LABORATORIES
TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
TITLE OF INVENTION: USING THE LIGASE CHAIN REACTION
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy diskette
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/04863
FILING DATE: 19930524
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/891,543
FILING DATE: 29 MAY 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas D. Bralnard
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5172.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-4884
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid (synthetic DNA)
PCT-US93-04863-23
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3359 AGATTTTAAATGCTTTGG 3378
Db      20 AGATTTTAAATGCTCTTG 1
```

```
RESULT 2759
PCT-US95-04477-60/c
Sequence 60, Application PC/TUS9504477
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
NUMBER OF SEQUENCES: 165
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04477
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/228,935
FILING DATE: 14-APR-1994
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
```

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "OTHER NUCLEIC ACID,  
DESCRIPTION: SYNTHETIC DNA"  
PCT-US95-04477-60

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1514 ACATCGCGGGAGAACGATTC 1533  
Db 20 ACCTTCGGGGAGAGAGATC 1

RESULT 2760  
PCT-US95-06379-36/c  
Sequence 36, Application PC/TUS9506379  
GENERAL INFORMATION:  
APPLICANT: Matanabe, Kyoichi A.  
APPLICANT: Ren, Wu-Yun  
TITLE OF INVENTION: Complementary DNA and Toxins  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44Mb  
COMPUTER: IBM PC  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/06379  
FILING DATE: May 13, 1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 44683-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-391-0526  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-06379-36

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5741 CCCTTTCTTCTATTCATCTC 5760  
Db 20 CCTTCTTCTTATTCCTTC 1

RESULT 2761  
PCT-US95-07111A-44  
Sequence 44, Application PC/TUS9507111A  
GENERAL INFORMATION:  
APPLICANT: Morita, Brett P. and Boggs, Russell T.  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
of rat Gene Expression

NUMBER OF SEQUENCES: 54  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Office of Jane Massey Licata  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/07111A  
FILING DATE: May 31, 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/250,856  
FILING DATE: May 31, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0135  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488

INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
PCT-US95-07111A-44

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7102 AATAGAGAAATGAAATTA 7121  
Db 1 AAGAGCGCATATGAGATTA 20

RESULT 2762  
PCT-US95-07744A-55/c  
Sequence 55, Application PC/TUS9507744A  
GENERAL INFORMATION:  
APPLICANT: Trustees of The University of Pennsylvania  
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene  
and Pathogens  
NUMBER OF SEQUENCES: 82  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/07744A  
FILING DATE: 15-JUNE-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/261,822  
FILING DATE: June 17, 1994  
ATTORNEY/AGENT INFORMATION:

NAME: Beardsell, Lori Y.  
REGISTRATION NUMBER: 34,293  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 55:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
PCT-US95-07744A-55

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6074 CTGGTCTTTTCTCTTTAC 6093  
Db 20 CTGAGCTTCTCTCTTCC 1

RESULT 2763  
PCT-US95-14418-40/c  
Sequence 40, Application PC/TUS9514418  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: DNA Encoding a Thermostable DNA Polymerase Enzyme  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Marshall, O'Toole, Gerstein, Murray & Borum  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/14418  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gass, David A.  
REGISTRATION NUMBER: 38,153  
REFERENCE/DOCKET NUMBER: 28003/32330  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-14418-40

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3626 TGGGGGTGGAGAGAGGTA 3645  
Db 20 TCGGGCGGAGAGAGCGAA 1

RESULT 2764  
PCT-US95-15327-40/c  
Sequence 40, Application PC/TUS9515327  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: Biologically Active Fragments of  
Thermus Flavus DNA Polymerase  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Marshall, O'Toole, Gerstein, Murray & Borum  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/15327  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gass, David A.  
REGISTRATION NUMBER: 38,153  
REFERENCE/DOCKET NUMBER: 28003/31716  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-15327-40

Query Match 0.2%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 2.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3626 TGGGGGTGGAGAGGTA 3645  
Db 20 TCGGGCGGAGAGAGCGAA 1

RESULT 2765  
PCT-US96-00331-10  
Sequence 10, Application PC/TUS9600331  
GENERAL INFORMATION:  
APPLICANT: GENTA INCORPORATED  
TITLE OF INVENTION: METHODS AND COMPOSITION FOR  
TREATING TUMOR CELLS  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:



APPLICATION NUMBER: PCT/US96/00331  
FILING DATE: 10 JANUARY 1996  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/371,001  
FILING DATE: 10 JANUARY 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: BIGGS, SUZANNE L.  
REGISTRATION NUMBER: 30,158  
REFERENCE/DOCKET NUMBER: 218/068-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other Nucleic Acid  
PCT-US96-00331-10

Query Match  
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1062 CCGCGCCCTGCTAGCATC 1061  
Db 1 CCGAGCCCTGCTAGCATC 20

RESULT 2766  
PCT-US96-00547-5/C  
Sequence 5, Application PC/TUS9600547  
GENERAL INFORMATION:  
APPLICANT: Virogenetics Corporation  
TITLE OF INVENTION: RECOMBINANT POXVIRUS-HTLV, COMPOSITIONS  
TITLE OF INVENTION: AND USES  
NUMBER OF SEQUENCES: 56  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Curtis, Morris & Safford, P.C.  
STREET: 530 Fifth Avenue, 25th Floor  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/00547  
FILING DATE: 12-JAN-1996  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/372,664  
FILING DATE: 13-JAN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2621  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA

PCT-US96-00547-5  
Query Match  
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6425 GCGCGCCCTATTACTAA 6444  
Db 20 GCGCGCCCTATTACTAA 1

RESULT 2767  
US-08-455-896-13/C  
Sequence 13, Application US/08455896  
Patent No. 5668267  
GENERAL INFORMATION:  
APPLICANT: WATSON, MARK A.  
ATTORNEY/AGENT INFORMATION:  
NAME: FLEMING, TIMOTHY P.  
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED  
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP  
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400  
CITY: ST. LOUIS  
STATE: MISSOURI  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/455,896  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: HOLLAND, DONALD R.  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 952726  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (314) 727-5188  
TELEFAX: (314) 727-6092  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-455-896-13

Query Match  
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 21;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAAACAAA 4039  
Db 21 AAAAAAAGAGAAAACAAA 2

RESULT 2768  
US-08-933-149-13/C  
Sequence 13, Application US/08933149  
Patent No. 5922836  
GENERAL INFORMATION:  
APPLICANT: WATSON, MARK A.  
ATTORNEY/AGENT INFORMATION:  
NAME: FLEMING, TIMOTHY P.  
TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED  
TITLE OF INVENTION: MAMMARY SPECIFIC BREAST CANCER PROTEIN

NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HOWELL & HAFERKAMP, L.C.  
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400  
CITY: ST. LOUIS  
STATE: MISSOURI  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/933,149  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: HENDERSON, MELODIE W.  
REGISTRATION NUMBER: 37,848  
REFERENCE/DOCKET NUMBER: 6029-6040  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (314) 727-5188  
TELEFAX: (314) 727-6092  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-933-149-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 2.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAA 4039  
Db 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2769  
US-09-082-343-13/c  
Sequence 13, Application US/09082343  
Patent No. 5968754  
GENERAL INFORMATION:  
APPLICANT: WATSON, MARK A.  
APPLICANT: FLEMING, TIMOTHY P.  
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED  
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP  
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400  
CITY: ST. LOUIS  
STATE: MISSOURI  
COUNTRY: USA  
ZIP: 63105-1817  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/082,343  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/455,896  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: HOLLAND, DONALD R.  
REGISTRATION NUMBER: 35,197  
REFERENCE/DOCKET NUMBER: 952726  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (314) 727-5188  
TELEFAX: (314) 727-6092  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-082-343-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 2.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAA 4039  
Db 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2770  
US-08-863-639A-10  
Sequence 10, Application US/08863639A  
Patent No. 5981185  
GENERAL INFORMATION:  
APPLICANT: Watson, Robert S.  
APPLICANT: Cassin, Peter J.  
APPLICANT: Rampal, Jang B.  
APPLICANT: Caskey, C. T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel Wordperfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Mueh  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-10

Query Match 0.2%; Score 13.6; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 2.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAAAAAGAGAAACAAA 4039  
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 2771  
 US-08-863-639A-13/C  
 ; Sequence 13, Application US/08863639A  
 ; Patent No. 5981185  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Watson, Robert S.  
 ; APPLICANT: Coasain, Peter J.  
 ; APPLICANT: Rampal, Jang B.  
 ; APPLICANT: Caskey, C. T.  
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
 ; NUMBER OF SEQUENCES: 95  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Sheldon & Mak  
 ; STREET: 225 South Lake Avenue, 9th Floor  
 ; CITY: Pasadena  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 91101  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 3.50 Inch, 1.44 Mb storage  
 ; COMPUTER: IBM compatible  
 ; OPERATING SYSTEM: Windows 95  
 ; SOFTWARE: Corel WordPerfect 8 version  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/863,639A  
 ; FILING DATE: May 28, 1997  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Joseph E. Muech  
 ; REGISTRATION NUMBER: 20,532  
 ; REFERENCE/DOCKET NUMBER: 11859-1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (626) 796-4000  
 ; TELEFAX: (626) 795-6321  
 ; INFORMATION FOR SEQ ID NO: 13:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 21 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: Other nucleic acid  
 ; US-08-863-639A-13.

Query Match 0.2%; Score 13.6; DB 1; Length 21;  
 Best Local Similarity 80.0%; Pred. No. 2.4e+03;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAAAAAGAGAAACAAA 4039  
 Db 21 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 2772  
 US-08-416-214A-12/C  
 ; Sequence 12, Application US/08416214A  
 ; Patent No. 5998596  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bergen, Raymond; Neckers, Len  
 ; TITLE OF INVENTION: Inhibition Of Protein  
 ; TITLE OF INVENTION: Kinase Activity By Aptameric Action Of  
 ; NUMBER OF SEQUENCES: 12  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORGAN & PINNEGAN  
 ; STREET: 345 PARK AVENUE  
 ; CITY: NEW YORK  
 ; STATE: NEW YORK

COUNTRY: USA  
 ZIP: 10154  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: FLOPPY DISK  
 ; COMPUTER: IBM PC COMPATIBLE  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: WORDPERFECT 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/416,214A  
 ; FILING DATE: 04-APR-1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Brown, Kathryn M.  
 ; REGISTRATION NUMBER: 34,556  
 ; REFERENCE/DOCKET NUMBER: 2026-4166  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (212) 758-4800  
 ; TELEFAX: (212) 751-6849  
 ; TELEX: 421792  
 ; INFORMATION FOR SEQ ID NO: 12:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 21 base pairs  
 ; TYPE: Nucleic acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: Other nucleic acid  
 ; HYPOTHETICAL: Yes  
 ; ANTI-SENSE: No  
 ; US-08-416-214A-12

Query Match 0.2%; Score 13.6; DB 1; Length 21;  
 Best Local Similarity 80.0%; Pred. No. 2.4e+03;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAAAAAGAGAAACAAA 4039  
 Db 21 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 2773  
 US-09-082-253-13/C  
 ; Sequence 13, Application US/09082253  
 ; Patent No. 6004756  
 ; GENERAL INFORMATION:  
 ; APPLICANT: WATSON, MARK A.  
 ; APPLICANT: FLEMING, TIMOTHY P.  
 ; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED  
 ; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN  
 ; NUMBER OF SEQUENCES: 13  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: ROGERS, HOWELL & HAFERKAMP  
 ; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400  
 ; CITY: ST. LOUIS  
 ; STATE: MISSOURI  
 ; COUNTRY: USA  
 ; ZIP: 63105-1817  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/082,253  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/455,896  
 ; FILING DATE: 05/31/1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: HOLLAND, DONALD R.  
 ; REGISTRATION NUMBER: 35,197  
 ; REFERENCE/DOCKET NUMBER: 952726  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (314) 727-5188

```

;
; TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 21 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-09-082-253-13

Query Match      0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
DB      21 AAAAAAAAAAAAAAAAAA 2

RESULT 2774
US-09-162-622-13/C
; Sequence 13, Application US/09162622
; Patent No. 6566072
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A
; APPLICANT: FLEMING, TIMOTHY P
; TITLE OF INVENTION: Mammaglobin, A Secreted Mammary-Specific Breast Cancer
; TITLE OF INVENTION: Protein
; FILE REFERENCE: 6029-5134
; CURRENT APPLICATION NUMBER: US/09/162,622
; EARLIER FILING DATE: 1998-09-29
; EARLIER APPLICATION NUMBER: 08/933,149
; EARLIER FILING DATE: 1997-09-18
; EARLIER APPLICATION NUMBER: PCT/US96/08235
; EARLIER FILING DATE: 1996-05-31
; EARLIER APPLICATION NUMBER: 08/455,896
; EARLIER FILING DATE: 1995-05-31
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-162-622-13

Query Match      0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
DB      21 AAAAAAAAAAAAAAAAAA 2

RESULT 2775
US-09-509-015-13/C
; Sequence 13, Application US/09509015
; Patent No. 6677428
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.
; TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
; TITLE OF INVENTION: MAMMARY SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSER: HOWELL & HAERKAMP, L.C.
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI
; COUNTRY: USA
```

```

;
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/509,015
; FILING DATE: 30-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/17991
; FILING DATE: 1998-09-18
; APPLICATION NUMBER: 08/933,149
; FILING DATE: 1997-09-18
; ATTORNEY/AGENT INFORMATION:
; NAME: KASTEN, DANIEL S.
; REGISTRATION NUMBER: 45,363
; REFERENCE/DOCKET NUMBER: 6029-3654
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 727-5188
; TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 21 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-09-509-015-13

Query Match      0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAA 4039
DB      21 AAAAAAAAAAAAAAAAAA 2

RESULT 2776
PCT-US96-08235-13/C
; Sequence 13, Application PC/TUS9608235
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSER: ROGERS, HOWELL & HAERKAMP
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08235
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 964796
; TELECOMMUNICATION INFORMATION:
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TELEPHONE: (314) 727-5188  
TELEFAX: (314) 727-6092  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHEetical: NO  
ANTI-SENSE: NO  
PCT-US96-08235-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 2.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039  
DB 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2777  
US-09-475-947A-119/C  
Sequence 119, Application US/09475947A  
Patent No. 6472154  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Wren, Jonathan D.  
TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
FILE REFERENCE: UTS0667  
CURRENT APPLICATION NUMBER: US/09/475,947A  
CURRENT FILING DATE: 1999-12-31  
NUMBER OF SEQ ID NOS: 346  
SOFTWARE: Patent Ver. 2.1  
SEQ ID NO 119  
LENGTH: 21  
TYPE: DNA  
ORGANISM: human  
US-09-475-947A-119

Query Match 0.2%; Score 13.6; DB 1; Length 21;  
Best Local Similarity 80.0%; Pred. No. 2.4e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039  
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 2778  
US-09-164-249B-6  
Sequence 6, Application US/09164249B  
Patent No. 6322971  
GENERAL INFORMATION:  
APPLICANT: Chetverin, Alexander B.  
APPLICANT: Kramer, Fred Russell  
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,  
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS  
FILE REFERENCE: 07763-004003  
CURRENT APPLICATION NUMBER: US/09/164,249B  
CURRENT FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: US 08/473,010  
PRIOR FILING DATE: 1995-06-07  
PRIOR APPLICATION NUMBER: US 08/247,530  
PRIOR FILING DATE: 1994-05-23  
PRIOR APPLICATION NUMBER: US 07/838,607  
PRIOR FILING DATE: 1992-02-19  
NUMBER OF SEQ ID NOS: 18  
SOFTWARE: PatSeq for Windows Version 3.0  
SEQ ID NO 6  
LENGTH: 24

TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:   
OTHER INFORMATION: Synthetically derived DNA  
US-09-164-249B-6

Query Match 0.2%; Score 13.6; DB 1; Length 24;  
Best Local Similarity 80.0%; Pred. No. 2.9e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039  
DB 4 AAAAAAAAAAAAAAAAAA 23

RESULT 2779  
US-09-721-154-2/C  
Sequence 2, Application US/09721154  
Patent No. 6651008  
GENERAL INFORMATION:  
APPLICANT: Vaisberg, Eugeni  
APPLICANT: Adams, Cynthia  
APPLICANT: Sabry, James  
APPLICANT: Crompton, Anne  
TITLE OF INVENTION: Database system including computer code  
TITLE OF INVENTION: for predictive cellular bioinformatics  
FILE REFERENCE: CYTOP007C2  
CURRENT APPLICATION NUMBER: US/09/721,154  
CURRENT FILING DATE: 2002-06-14  
PRIOR APPLICATION NUMBER: 09/311,996  
PRIOR FILING DATE: 1999-05-14  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Pseudo-sequence  
US-09-721-154-2

Query Match 0.2%; Score 13.6; DB 1; Length 24;  
Best Local Similarity 80.0%; Pred. No. 2.9e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039  
DB 24 AAAAAAAAAAAAAAAAAA 5

RESULT 2780  
US-08-014-943A-11/C  
Sequence 11, Application US/08014943A  
Patent No. 5545551  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: Cloning And Expression Of PUR Protein  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/014,943A

FILING DATE: 02/FEB/1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-033  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090  
TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-014-943A-11

Query Match 0.2%; Score 13.6; DB 1; Length 24;  
Best Local Similarity 80.0%; Pred. No. 2.9e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7030 AATGGAACCTCCAGAA 7049

DB 24 AAAAAAAAAACCTCCAAAA 5

RESULT 2781  
US-08-486-421-46/c  
Sequence 46, Application US/08486421  
Patent No. 5672479  
GENERAL INFORMATION:  
APPLICANT: Bergemann, Edward M.  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-033  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090  
TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-486-421-46

Query Match 0.2%; Score 13.6; DB 1; Length 24;  
Best Local Similarity 80.0%; Pred. No. 2.9e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7030 AATGGAACCTCCAGAA 7049

DB 24 AAAAAAAAAACCTCCAAAA 5

RESULT 2782  
US-08-470-911-46/c  
Sequence 46, Application US/08470911  
Patent No. 575664

GENERAL INFORMATION:  
APPLICANT: Bergemann, Edward M.  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-470-911-46

Query Match 0.2%; Score 13.6; DB 1; Length 24;  
Best Local Similarity 80.0%; Pred. No. 2.9e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7030 AATGGAACCTCCAGAA 7049

DB 24 AAAAAAAAAACCTCCAAAA 5

RESULT 2783  
US-08-486-809-46/c  
Sequence 46, Application US/08486809  
Patent No. 5869622  
GENERAL INFORMATION:  
APPLICANT: Bergemann, Edward M.  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-486-809-46

Query Match 0.2%; Score 13.6; DB 1; Length 24;  
Best Local Similarity 80.0%; Pred. No. 2.9e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7030 AATGGAACCTCCAGAA 7049

DB 24 AAAAAAAAAACCTCCAAAA 5

RESULT 2783  
US-08-486-809-46/c  
Sequence 46, Application US/08486809  
Patent No. 5869622  
GENERAL INFORMATION:  
APPLICANT: Bergemann, Edward M.  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-486-809-46

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STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,809
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Cortuzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-809-46

Query Match      0.2%; Score 13.6; DB 1; Length 24;
Best Local Similarity 80.0%; Pred. No. 2.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7030 AATAGGAACCTCCAGAA 7049
Db      24 AAAAAAAAAACCTCCAAAA 5

RESULT 2784
US-08-181-271A-85
Sequence 85, Application US/08181271A
Patent No: 5614395
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Melns, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhau, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Speilson, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Ukens, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESSES:
ADDRESS: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
```

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COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Releasee #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,271A
FILING DATE: 13-JAN-94
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/Pl/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8614
TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-181-271A-85

Query Match      0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAAA 4039
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Db 10 AAAAAAAAAAACATTA 29

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RESULT 2785
US-08-449-315-85
; Sequence 85, Application US/08449315
; Patent No. 5650505
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
; APPLICANT: Duesing, John H.
; APPLICANT: Friedlich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Meins, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Meyer, Mary B.
; APPLICANT: Neuhaus, Jean-Marc
; APPLICANT: Payne, George B.
; APPLICANT: Spertson, Christoph
; APPLICANT: Stinson, Jeffrey R.
; APPLICANT: Unnes, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Shericea C.
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSER: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/449,315
; FILING DATE: 24-MAY-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: 08/181,271
; FILING DATE: 13-JAN-94
; APPLICATION NUMBER: US 08/093,301
; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/633,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT 1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bimer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8614
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-449-315-85

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Query Match 0.2%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY 4020 AAAAAAGAGAAACAAA 4039

Db 10 AAAAAAAAAAACATTA 29

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RESULT 2786
US-08-444-803-85
; Sequence 85, Application US/08444803
; Patent No. 5654414
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
; APPLICANT: Duesing, John H.
; APPLICANT: Friedlich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Meins, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Meyer, Mary B.
; APPLICANT: Neuhaus, Jean-Marc
; APPLICANT: Payne, George B.
; APPLICANT: Spertson, Christoph
; APPLICANT: Stinson, Jeffrey R.
; APPLICANT: Unnes, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Shericea C.
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSER: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:

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MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/444,803  
FILING DATE: 19-MAY-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/181,271  
FILING DATE: 13-JAN-94  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/305,566  
FILING DATE: 6-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/632,441  
FILING DATE: 21-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,504  
FILING DATE: 20-OCT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,506  
FILING DATE: 6-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/768,122  
FILING DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/580,431  
FILING DATE: 7-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/368,672  
FILING DATE: 20-JUN-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/329,018  
FILING DATE: 24-MAR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/045,957  
FILING DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Elmer, James Scott  
REGISTRATION NUMBER: 36,129  
REFERENCE/DOCKET NUMBER: S-19825/P1/GGC 1727  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8614  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-444-803-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No.3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

4020 AAAAAAGAGAAAAA 4039

Db 10 AAAAAAAAAAAACATA 29  
RESULT 2787  
US-08-449-043-85  
Sequence 85, Application US/08449043  
Patent No. 5683044  
GENERAL INFORMATION:  
APPLICANT: Ryals, John A.  
APPLICANT: Alexander, Danny C.  
APPLICANT: Beck, James J.  
APPLICANT: Duesing, John H.  
APPLICANT: Friedrich, Leslie B.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Harms, Christian  
APPLICANT: Meins, Jr., Frederick  
APPLICANT: Montoya, Alice  
APPLICANT: Moyer, Mary B.  
APPLICANT: Neuhaus, Jean-Marc  
APPLICANT: Payne, George B.  
APPLICANT: Speilson, Christoph  
APPLICANT: Stinson, Jeffrey R.  
APPLICANT: Uknes, Scott J.  
APPLICANT: Ward, Eric R.  
APPLICANT: Williams, Shericea C.  
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF  
NUMBER OF SEQUENCES: 106  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CIBA-GEIGY Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: New York  
COUNTRY: USA  
ZIP: 10532  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/449,043  
FILING DATE: 24-MAY-1995  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/181,271  
FILING DATE: 13-JAN-94  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/305,566  
FILING DATE: 6-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/632,441  
FILING DATE: 21-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,504  
FILING DATE: 20-OCT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,506

FILED DATE: 6-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/768,122  
FILED DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/580,431  
FILED DATE: 7-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/368,672  
FILED DATE: 20-JUN-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/329,018  
FILED DATE: 24-MAR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/045,957  
FILED DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Elmer, James Scott  
REGISTRATION NUMBER: 36,129  
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727  
TELEPHONE: (919)541-8614  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-449-043-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAAACAAA 4039  
DB 10 AAAAAAAAAAAAAAAAAACATTA 29

RESULT 2788  
US-08-456-265A-85  
Sequence 85, Application US/08456265A  
Patent No. 5767369  
GENERAL INFORMATION:  
APPLICANT: Alexander, Danny C.  
APPLICANT: Ryals, John A.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Stinson, Jeffrey R.  
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSER: CIBA-GEIGY Corporation  
STREET: 520 White Plains Road, P.O. Box 2005  
CITY: Tarrytown  
STATE: New York  
COUNTRY: USA  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/456,265A  
FILED DATE: 31-MAY-95  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/181,271  
FILED DATE: 13-JAN-1994  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/093,301  
FILED DATE: 16-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/937,197  
FILED DATE: 6-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/678,378  
FILED DATE: 1-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/305,566  
FILED DATE: 6-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/165,667  
FILED DATE: 8-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/042,847  
FILED DATE: 6-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/632,441  
FILED DATE: 21-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,504  
FILED DATE: 20-OCT 1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,506  
FILED DATE: 6-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/768,122  
FILED DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/580,431  
FILED DATE: 7-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/368,672  
FILED DATE: 20-JUN-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/329,018  
FILED DATE: 24-MAR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/045,957  
FILED DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727/DIV10  
TELEPHONE: (919)541-8587  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-456-265A-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAAACAAA 4039  
DB 10 AAAAAAAAAAAAAAAAAACATTA 29

RESULT 2789  
US-08-455-416-85  
Sequence 85, Application US/08455416  
Patent No. 5777200  
GENERAL INFORMATION:  
APPLICANT: Ryals, John A.  
APPLICANT: Alexander, Danny C.

APPLICANT: Beck, James J.  
 APPLICANT: Duesing, John H.  
 APPLICANT: Friedlich, Leslie B.  
 APPLICANT: Goodman, Robert M.  
 APPLICANT: Harms, Christian  
 APPLICANT: Meins, Jr., Frederick  
 APPLICANT: Montoya, Alice  
 APPLICANT: Moyer, Mary B.  
 APPLICANT: Neuhaus, Jean-Marc  
 APPLICANT: Payne, George B.  
 APPLICANT: Sperison, Christoph  
 APPLICANT: Stinson, Jeffrey R.  
 APPLICANT: Uknes, Scott J.  
 APPLICANT: Ward, Eric R.  
 APPLICANT: Williams, Shericea C.  
 TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
 TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF  
 NUMBER OF SEQUENCES: 106  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: CIBA-GEIGY Corporation  
 STREET: 7 Skyline Drive  
 CITY: Hawthorne  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10532  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/455,416  
 FILING DATE: 31-MAY-1995  
 CLASSIFICATION: 800  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/181,271  
 FILING DATE: 13-JAN-94  
 APPLICATION NUMBER: US 08/093,301  
 FILING DATE: 16-JUL-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/937,197  
 FILING DATE: 6-NOV-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/678,378  
 FILING DATE: 1-APR-1991  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/305,566  
 FILING DATE: 6-FEB-1989  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/165,667  
 FILING DATE: 8-MAR-1988  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/042,847  
 FILING DATE: 6-APR-1993  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/632,441  
 FILING DATE: 21-DEC-1990  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/425,504  
 FILING DATE: 20-OCT-1989  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/848,506  
 FILING DATE: 6-MAR-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/768,122  
 FILING DATE: 27-SEP-1991  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/580,431  
 FILING DATE: 7-SEP-1990  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/368,672  
 FILING DATE: 20-JUN-1989  
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/329,018  
 FILING DATE: 24-MAR-1989  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/045,957  
 FILING DATE: 12-APR-1993  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Elmer, James Scott  
 REGISTRATION NUMBER: 36,129  
 REFERENCE/DOCKET NUMBER: S-19825/PL/CCC 1727  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (919)541-8614  
 TELEFAX: (919)541-8689  
 INFORMATION FOR SEQ ID NO: 85:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 30 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA  
 US-08-455-416-85  
 Query Match 0.2%; Score 13.6; DB 1; Length 30;  
 Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
 QY 4020 AAAAAAGAGAAACAAA 4039  
 Db 10 AAAAAAAAAAAAAAAAACATTA 29  
 RESULT 2790  
 US-08-455-244-85  
 Sequence 85, Application US/08455244  
 Patent No. 5789214  
 GENERAL INFORMATION:  
 APPLICANT: Ryals, John A.  
 APPLICANT: Alexander, Danny C.  
 APPLICANT: Beck, James J.  
 APPLICANT: Duesing, John H.  
 APPLICANT: Friedlich, Leslie B.  
 APPLICANT: Goodman, Robert M.  
 APPLICANT: Harms, Christian  
 APPLICANT: Meins, Jr., Frederick  
 APPLICANT: Montoya, Alice  
 APPLICANT: Moyer, Mary B.  
 APPLICANT: Neuhaus, Jean-Marc  
 APPLICANT: Payne, George B.  
 APPLICANT: Sperison, Christoph  
 APPLICANT: Stinson, Jeffrey R.  
 APPLICANT: Uknes, Scott J.  
 APPLICANT: Ward, Eric R.  
 APPLICANT: Williams, Shericea C.  
 TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
 TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF  
 NUMBER OF SEQUENCES: 106  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: CIBA-GEIGY Corporation  
 STREET: 7 Skyline Drive  
 CITY: Hawthorne  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10532  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/455,244  
 FILING DATE: 31-MAY-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/181,271

;; FILING DATE: 13-JAN-94  
;; APPLICATION NUMBER: US 08/093,301  
;; FILING DATE: 16-JUL-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/937,197  
;; FILING DATE: 6-NOV-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/678,378  
;; FILING DATE: 1-APR-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/305,566  
;; FILING DATE: 6-FEB-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/165,667  
;; FILING DATE: 8-MAR-1988  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/042,847  
;; FILING DATE: 6-APR-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/632,441  
;; FILING DATE: 21-DEC-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/425,504  
;; FILING DATE: 20-OCT-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/848,506  
;; FILING DATE: 6-MAR-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/768,122  
;; FILING DATE: 27-SEP-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/580,431  
;; FILING DATE: 7-SEP-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/368,672  
;; FILING DATE: 20-JUN-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/329,018  
;; FILING DATE: 24-MAR-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/045,957  
;; FILING DATE: 12-APR-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Elmer, James Scott  
;; REGISTRATION NUMBER: 36,129  
;; REFERENCE/DOCKET NUMBER: S-19825/Pl/CGC 1727  
;; TELEPHONE: (919)541-8614  
;; TELEFAX: (919)541-8689  
;; INFORMATION FOR SEQ ID NO: 85:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 30 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
;; US-08-455-244-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAA 4039  
Db 10 AAAAAAAAAAAAAACATTA 29

RESULT 2791  
US-08-454-876-85  
; Sequence 85, Application US/08454876  
; Patent No. 5804693  
; GENERAL INFORMATION:  
; APPLICANT: Ryals, John A.

;; APPLICANT: Alexander, Danny C.  
;; APPLICANT: Beck, James J.  
;; APPLICANT: Duesing, John H.  
;; APPLICANT: Friedrich, Leslie B.  
;; APPLICANT: Goodman, Robert M.  
;; APPLICANT: Harms, Christian  
;; APPLICANT: Meins, Jr., Frederick  
;; APPLICANT: Montoya, Alice  
;; APPLICANT: Moyer, Mary B.  
;; APPLICANT: Neuhaus, Jean-Marc  
;; APPLICANT: Payne, George B.  
;; APPLICANT: Sperison, Christoph  
;; APPLICANT: Stinson, Jeffrey R.  
;; APPLICANT: Unnes, Scott J.  
;; APPLICANT: Ward, Eric R.  
;; APPLICANT: Williams, Shericca C.  
;; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
;; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF  
;; NUMBER OF SEQUENCES: 106  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: CIBA-GEIGY Corporation  
;; STREET: 7 Skyline Drive  
;; CITY: Hawthorne  
;; STATE: New York  
;; COUNTRY: USA  
;; ZIP: 10532  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent in Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/454,876  
;; FILING DATE: 31-MAY-1995  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/181,271  
;; FILING DATE: 13-JAN-94  
;; APPLICATION NUMBER: US 08/093,301  
;; FILING DATE: 16-JUL-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/937,197  
;; FILING DATE: 6-NOV-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/678,378  
;; FILING DATE: 1-APR-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/305,566  
;; FILING DATE: 6-FEB-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/165,667  
;; FILING DATE: 8-MAR-1988  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/042,847  
;; FILING DATE: 6-APR-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/632,441  
;; FILING DATE: 21-DEC-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/425,504  
;; FILING DATE: 20-OCT-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/848,506  
;; FILING DATE: 6-MAR-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/768,122  
;; FILING DATE: 27-SEP-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/580,431  
;; FILING DATE: 7-SEP-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/368,672  
;; FILING DATE: 20-JUN-1989

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Elmer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8614
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-454-876-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAACAAA 4039
Db 10 AAAAAAAAAAAAAAAAAACTTA 29

RESULT 2792
US-08-457-364-85
; Sequence 85, Application US/08457364
; Patent No. 5847258
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Alexander, Danny C.
; APPLICANT: Beck, James J.
; APPLICANT: Duesing, John H.
; APPLICANT: Friedrich, Leslie B.
; APPLICANT: Goodman, Robert M.
; APPLICANT: Harms, Christian
; APPLICANT: Means, Jr., Frederick
; APPLICANT: Montoya, Alice
; APPLICANT: Moyer, Mary B.
; APPLICANT: Neuhau, Jean-Marc
; APPLICANT: Payne, George B.
; APPLICANT: Sperison, Christoph
; APPLICANT: Stinson, Jeffrey R.
; APPLICANT: Uknes, Scott J.
; APPLICANT: Ward, Eric R.
; APPLICANT: Williams, Shericea C
; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CIBA-GEIGY Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: New York
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,364
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: 08/181,271
; FILING DATE: 13-JAN-94
; APPLICATION NUMBER: US 08/093,301
; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT 1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Elmer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8614
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-457-364-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAACAAA 4039
Db 10 AAAAAAAAAAAAAAAAAACTTA 29

RESULT 2793
US-08-456-262-85
; Sequence 85, Application US/08456262
; Patent No. 5851766
; GENERAL INFORMATION:

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APPLICANT: Ryals, John A.  
APPLICANT: Alexander, Danny C.  
APPLICANT: Beck, James J.  
APPLICANT: Duesing, John H.  
APPLICANT: Friedlich, Leslie B.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Harms, Christian  
APPLICANT: Meins, Jr., Frederick  
APPLICANT: Montoya, Alice  
APPLICANT: Moyer, Mary B.  
APPLICANT: Neuhaus, Jean-Marc  
APPLICANT: Payne, George B.  
APPLICANT: Sperison, Christoph  
APPLICANT: Stinson, Jeffrey R.  
APPLICANT: Utnes, Scott J.  
APPLICANT: Ward, Eric R.  
APPLICANT: Williams, Shericca C.  
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF  
NUMBER OF SEQUENCES: 106  
CORRESPONDENCE ADDRESSES: 106  
ADDRESSER: CIBA-GEIGY Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: New York  
COUNTRY: USA  
ZIP: 10532  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/456,262  
FILING DATE: 31-MAY-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/181,271  
FILING DATE: 13-JAN-94  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/305,566  
FILING DATE: 6-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/632,441  
FILING DATE: 21-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,504  
FILING DATE: 20-OCT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,506  
FILING DATE: 6-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/768,122  
FILING DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/580,431  
FILING DATE: 7-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/368,672

FILING DATE: 20-JUN-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/329,018  
FILING DATE: 24-MAR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/045,957  
FILING DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Elmer, James Scott  
REGISTRATION NUMBER: 36,129  
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8614  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-456-262-85  
Query Match 0.2%; Score 13.6; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4020 AAAAAAGAGAAAAA 4039  
DB 10 AAAAAAAAAAAAAACATTA 29  
RESULT 2794  
US-08-456-240-85  
Sequence 85, Application US/08456240  
Patent No. 5856154  
GENERAL INFORMATION:  
APPLICANT: Ryals, John A.  
APPLICANT: Alexander, Danny C.  
APPLICANT: Beck, James J.  
APPLICANT: Duesing, John H.  
APPLICANT: Friedlich, Leslie B.  
APPLICANT: Goodman, Robert M.  
APPLICANT: Harms, Christian  
APPLICANT: Meins, Jr., Frederick  
APPLICANT: Montoya, Alice  
APPLICANT: Moyer, Mary B.  
APPLICANT: Neuhaus, Jean-Marc  
APPLICANT: Payne, George B.  
APPLICANT: Sperison, Christoph  
APPLICANT: Stinson, Jeffrey R.  
APPLICANT: Utnes, Scott J.  
APPLICANT: Ward, Eric R.  
APPLICANT: Williams, Shericca C.  
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF  
NUMBER OF SEQUENCES: 106  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: CIBA-GEIGY Corporation  
STREET: 7 Skyline Drive  
CITY: Hawthorne  
STATE: New York  
COUNTRY: USA  
ZIP: 10532  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/456,240  
FILING DATE: 31-MAY-1995  
CLASSIFICATION: 800

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/181,271  
;; FILING DATE: 13-JAN-94  
;; APPLICATION NUMBER: US 08/093,301  
;; FILING DATE: 16-JUL-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/937,197  
;; FILING DATE: 6-NOV-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/678,378  
;; FILING DATE: 1-APR-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/305,566  
;; FILING DATE: 6-FEB-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/165,667  
;; FILING DATE: 8-MAR-1988  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/042,847  
;; FILING DATE: 6-APR-1993  
;; PRIOR APPLICATION DATA:  
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;; FILING DATE: 21-DEC-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/425,504  
;; FILING DATE: 20-OCT-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/848,506  
;; FILING DATE: 6-MAR-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/768,122  
;; FILING DATE: 27-SEP-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/580,431  
;; FILING DATE: 7-SEP-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/368,672  
;; FILING DATE: 20-JUN-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/329,018  
;; FILING DATE: 24-MAR-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/045,957  
;; FILING DATE: 12-APR-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Elmer, James Scott  
;; REGISTRATION NUMBER: 36,129  
;; REFERENCE/DOCKET NUMBER: S-19825/PI/CGC 1727  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (919)541-8614  
;; TELEFAX: (919)541-8689  
;; INFORMATION FOR SEQ ID NO: 85:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 30 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
;; US-08-456-240-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

CY 4020 AAAAAAGAGAAAAACAAA 4039  
DB 10 AAAAAAAAAAAAAACATTA 29

RESULT 2795  
US-08-455-736-85  
Sequence 85, Application US/08455736  
Patent No. 5880328

;; GENERAL INFORMATION:  
;; APPLICANT: Ryals, John A.  
;; APPLICANT: Alexander, Danny C.  
;; APPLICANT: Beck, James J.  
;; APPLICANT: Duesing, John H.  
;; APPLICANT: Friedrich, Leslie B.  
;; APPLICANT: Goodman, Robert M.  
;; APPLICANT: Harms, Christian  
;; APPLICANT: Meins, Jr., Frederick  
;; APPLICANT: Montoya, Alice  
;; APPLICANT: Moyer, Mary B.  
;; APPLICANT: Neuhaus, Jean-Marc  
;; APPLICANT: Payne, George B.  
;; APPLICANT: Sperison, Christoph  
;; APPLICANT: Stinson, Jeffrey R.  
;; APPLICANT: Uknes, Scott J.  
;; APPLICANT: Ward, Eric R.  
;; APPLICANT: Williams, Shericca C.  
;; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC  
;; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF  
;; NUMBER OF SEQUENCES: 106  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: CIBA-GEIGY Corporation  
;; STREET: 7 Skyline Drive  
;; CITY: Hawthorne  
;; STATE: New York  
;; COUNTRY: USA  
;; ZIP: 10532  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/455,736  
;; FILING DATE: 31-MAY-1995  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/181,271  
;; FILING DATE: 13-JAN-1994  
;; APPLICATION NUMBER: US 08/093,301  
;; FILING DATE: 16-JUL-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/937,197  
;; FILING DATE: 6-NOV-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/678,378  
;; FILING DATE: 1-APR-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/305,566  
;; FILING DATE: 6-FEB-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/165,667  
;; FILING DATE: 8-MAR-1988  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/042,847  
;; FILING DATE: 6-APR-1993  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/632,441  
;; FILING DATE: 21-DEC-1990  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/425,504  
;; FILING DATE: 20-OCT-1989  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/848,506  
;; FILING DATE: 6-MAR-1992  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/768,122  
;; FILING DATE: 27-SEP-1991  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/580,431  
;; FILING DATE: 7-SEP-1990  
;; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Elmer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8614
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-455-736-85

Query Match      0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
DB      10 AAAAAAAAAAAAAAAAACATTA 29

RESULT 2796
US-08-971-217-85
; Sequence 85, Application US/08971217
; Patent No. 5942662
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Harms, Christian
; APPLICANT: Friedrich, Leslie
; APPLICANT: Beck, James
; APPLICANT: Uknes, Scott
; APPLICANT: Ward, Eric
; TITLE OF INVENTION: INDUCIBLE HERBICIDE RESISTANCE
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5942662artis Corporation
; STREET: 3054 Cornwallis Road, P.O. Box 12257
; CITY: Research Triangle Park
; STATE: NC
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/971,217
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/457,364
; FILING DATE: 31-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/181,271
; FILING DATE: 13-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/093,301
; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
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; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
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; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
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; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
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; APPLICATION NUMBER: US 07/580,431
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; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Weigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727/DIV5/CONT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8587
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-971-217-85

Query Match      0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
DB      10 AAAAAAAAAAAAAAAAACATTA 29

RESULT 2797
US-09-350-600-85
; Sequence 85, Application US/09350600
; Patent No. 6262342
; GENERAL INFORMATION:
; APPLICANT: Meins, Frederick
; APPLICANT: Shinsai, Hideaki
; APPLICANT: Wenzler, Herman
; APPLICANT: Hofsteenge, Jan
; APPLICANT: Ryals, John
; APPLICANT: Sperisen, Christoph
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TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES  
TITLE OF INVENTION: HAVING BETA-1,3-GLUCANASE ACTIVITY  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6632981artis Corporation  
STREET: 3054 Cornwallis Road, P.O. Box 12257  
CITY: Research Triangle Park  
STATE: NC  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/350,600  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/971,217  
FILING DATE: 14-NOV-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/457,364  
FILING DATE: 31-MAY-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/181,271  
FILING DATE: 13-JAN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/305,566  
FILING DATE: 6-FEB-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/632,441  
FILING DATE: 21-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/425,504  
FILING DATE: 20-OCT-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/848,506  
FILING DATE: 6-MAR-1992  
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FILING DATE: 27-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/580,431  
FILING DATE: 7-SEP-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/368,672  
FILING DATE: 20-JUN-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/329,018  
FILING DATE: 24-MAR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/381,443  
FILING DATE: 18-JUL-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/353,312  
FILING DATE: 17-MAY-1989  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/226,303  
FILING DATE: 29-JUL-1988  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/045,957  
FILING DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-198250  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8587  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-09-350-600-85  
Query Match 0.2%; Score 13.6; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
CY 4020 AAAAAAGAGGAAACAAA 4039  
Db 10 AAAAAAAAAAAAAACATTA 29  
RESULT 2798  
US-09-306-234-85  
Sequence 85, Application US/09906234  
Patent No. 6632981  
GENERAL INFORMATION:  
APPLICANT: Meins, Frederick  
Shinsbl, Hideaki  
Wenzler, Herman  
Hofsteenge, Jan  
Ryals, John  
Sperisen, Christoph  
TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES  
HAVING BETA-1,3-GLUCANASE ACTIVITY  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: No. 6632981artis Corporation  
STREET: 3054 Cornwallis Road, P.O. Box 12257  
CITY: Research Triangle Park  
STATE: NC  
COUNTRY: USA  
ZIP: 27709  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/906,234  
FILING DATE: 16-JUL-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/350,600  
FILING DATE: 9-JULY-1999  
APPLICATION NUMBER: US 08/457,364  
FILING DATE: 31-MAY-1995  
APPLICATION NUMBER: US 08/181,271  
FILING DATE: 13-JAN-1994  
APPLICATION NUMBER: US 08/093,301  
FILING DATE: 16-JUL-1993  
APPLICATION NUMBER: US 07/937,197  
FILING DATE: 6-NOV-1992  
APPLICATION NUMBER: US 07/678,378  
FILING DATE: 1-APR-1991  
APPLICATION NUMBER: US 07/305,566

FILED DATE: 6-FEB-1989  
APPLICATION NUMBER: US 07/165,667  
FILING DATE: 8-MAR-1988  
APPLICATION NUMBER: US 08/042,847  
FILING DATE: 6-APR-1993  
APPLICATION NUMBER: US 07/632,441  
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APPLICATION NUMBER: US 07/580,431  
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APPLICATION NUMBER: US 07/381,443  
FILING DATE: 18-JUL-1989  
APPLICATION NUMBER: US 07/353,312  
FILING DATE: 17-MAY-1989  
APPLICATION NUMBER: US 07/226,303  
FILING DATE: 29-JUL-1988  
APPLICATION NUMBER: US 08/045,957  
FILING DATE: 12-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
REFERENCE/DOCKET NUMBER: S-198250  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919)541-8587  
TELEFAX: (919)541-8689  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 85:  
US-09-906-234-85  
Query Match 0.2%; Score 13.6; DB 1; Length 30;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4020 AAAAAAGAGAAACAAA 4039  
DB 10 AAAAAAAAAAAAAACATA 29  
RESULT 2799  
US-08-522-623-14/C  
Sequence 14, Application US/08522623  
GENERAL INFORMATION:  
APPLICANT: Khalil, Omar S.  
APPLICANT: Bouma, Stanley R.  
TITLE OF INVENTION: METHOD AND DEVICE FOR DETECTION OF  
TITLE OF INVENTION: NUCLEIC ACID OR ANALYTE USING TOTAL INTERNAL REFLECTION  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Abbott Laboratories  
STREET: One Abbott Park Road  
CITY: Abbott Park  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/522,623  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,839  
FILING DATE:  
APPLICATION NUMBER: US/07/863,553  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Brainard, Thomas D.  
REGISTRATION NUMBER: 32,459  
REFERENCE/DOCKET NUMBER: 5158 US.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708) 937-4884  
TELEFAX: (708) 937-9556  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 32 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 32  
US-08-522-623-14  
Query Match 0.2%; Score 13.6; DB 1; Length 32;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 4020 AAAAAAGAGAAACAAA 4039  
DB 32 AAAAAAAAAAAAAAAA 13  
RESULT 2800  
PCT-US93-03256-14/C  
Sequence 14, Application PC/TUS9303256  
GENERAL INFORMATION:  
APPLICANT: Abbott Laboratories  
TITLE OF INVENTION: METHOD AND DEVICE FOR DETECTION OF  
TITLE OF INVENTION: NUCLEIC ACID OR ANALYTE USING TOTAL INTERNAL REFLECTION  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Abbott Laboratories  
STREET: One Abbott Park Road  
CITY: Abbott Park  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn and WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/03256  
FILING DATE: 19930506  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/863,553  
FILING DATE: 06 APRIL 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Brainard, Thomas D.  
REGISTRATION NUMBER: 32,459  
REFERENCE/DOCKET NUMBER: 5158 US.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708) 937-4884

TELEFAX: (708) 937-2623  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 32 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 32  
PCT-US93-03256-14

Query Match 0.2%; Score 13.6; DB 1; Length 32;  
Best Local Similarity 80.0%; Pred. No. 3.3e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039  
DB 32 AAAAAAAAAAAAAAAAAA 13

RESULT 2801  
US-08-580-242-3/C  
Sequence 3, Application US/08580242  
Patent No. 5683988  
GENERAL INFORMATION:  
APPLICANT: CHUNG, Hun-Tae  
TITLE OF INVENTION: ANTI-SENSE OLIGODEOXYNUCLEOTIDE TO  
TITLE OF INVENTION: FIBROGENIC CYTOKINE TGF-beta AND USE THEREOF  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LOWE PRICE LEBLANC & BECKER  
STREET: 99 Canal Center Plaza, Suite 300  
City: Alexandria  
State: Virginia  
Country: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/580,242  
FILING DATE: 28-DEC-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Mills, Demetra J.  
REGISTRATION NUMBER: 34,506  
REFERENCE/DOCKET NUMBER: 1578-004A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-684-1111  
TELEFAX: 703-684-1124  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES  
US-08-580-242-3

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5642 GGGGAGCCCCCAGCC 5656  
DB 15 GGGAGACCCCAAGCC 1

RESULT 2802  
US-08-292-620A-359  
Sequence 359; Application US/08292620A  
Patent No. 5837542

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggan  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
City: Los Angeles  
State: California  
Country: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895

two

FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 359:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-359

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 13.3%; Pred. No. 1.5e+03;  
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 4461 GACTTTTCTTTTCTTTT 4475  
DB 1 GAUUUUUUUUUUUUUU 15

RESULT 2803  
US-08-173-489C-61  
Sequence 61, Application US/08173489C  
Patent No. 5861244  
GENERAL INFORMATION:  
APPLICANT: WANG, C. -G.  
APPLICANT: HEPBURN, A. G.

```

/ TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
/ TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
/ NUMBER OF SEQUENCES: 365
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
/ STREET: 510 EAST 73RD STREET,
/ CITY: NEW YORK
/ STATE: NEW YORK
/ COUNTRY: USA
/ ZIP: 10021.
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44mb storage
/ COMPUTER: IBM PC/XT/AT
/ OPERATING SYSTEM: MS-DOS version 6.2
/ SOFTWARE: WordPerfect Version 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/113,489C
/ FILING DATE: 22 DEC 1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/968,436
/ FILING DATE: 29 OCT 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Handelman, Joseph H.
/ REGISTRATION NUMBER: 26,179
/ REFERENCE/DOCKET NUMBER: U9518-6
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (attorney) (212) 708-1880
/ TELEFAX: (attorney) (212) 246-8959
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: double stranded
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic DNA
/ DESCRIPTION: gamma-crySTALLin gene exons 1 and 2
/ DESCRIPTION: (Accession # K03003) nucleotides 144 to 158
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Homo sapiens
/ POSITION IN GENOME:
/ CHROMOSOME/SEGMENT: Chromosome 2
/ MAP POSITION: 2q33-q35
/ PUBLICATION INFORMATION:
/ AUTHORS: Meakin, S O, Breitman, M L, Tsui, L C.
/ TITLE: Structural and evolutionary
/ TITLE: relationships among five members of the human
/ JOURNAL: Molecular and Cellular Biology
/ VOLUME: 5
/ PAGES: 1408-1414
/ DATE: 1985
/ RELEVANT RESIDUES IN SEQ ID NO: 61 :FROM 1 TO 15
/ US-08-173-489C-61
/
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4012 AAAATGAGAAAAAG 4026
| | | | | | | | | | | | | | | |
Db 1 AAAATGAAAAAAG 15
/
RESULT 2804
US-07-923-871C-20
/ Sequence 20, Application US/07923871C
/ Patent No. 5912117
/ GENERAL INFORMATION:
/ APPLICANT: White Ph.D, Thomas J.
/ APPLICANT: Dodge, Deborah B.
/ TITLE OF INVENTION: Method for Diagnosis of Lyme Disease

```

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/ NUMBER OF SEQUENCES: 38
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoffmann-La Roche Inc.
/ STREET: 340 Kingeland Street
/ CITY: Nutley
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 07110-1199
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/923,871C
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 489,676
/ FILING DATE: 07-MAR-1990
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Petry, Douglas A.
/ REGISTRATION NUMBER: 35,321
/ REFERENCE/DOCKET NUMBER: 8697
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (510) 814-2974
/ TELEFAX: (510) 814-2977
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-07-923-871C-20
/
Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6286 GTGCTACACTGGCCT 6300
| | | | | | | | | | | | | | | |
Db 1 GTGCTACATGGCCT 15
/
RESULT 2805
US-08-874-266-7/c
/ Sequence 7, Application US/08874266
/ Patent No. 5955279
/ GENERAL INFORMATION:
/ APPLICANT: Gatti, Richard A.
/ TITLE OF INVENTION: ATPXIA-TELANGIECTASIA: MUTATIONS IN THE ATM GENE
/ NUMBER OF SEQUENCES: 33
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Knobbe, Martens, Olson and Bear
/ STREET: 620 Newport Center Drive 16th Floor
/ CITY: Newport Beach
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 92660
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/874,266
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:

```

APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ways Venako, Nancy  
REGISTRATION NUMBER: 36,298  
REFERENCE/DOCKET NUMBER: UCLA006.006A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-235-8550  
TELEFAX: 619-235-0176  
TELEX:  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other  
US-08-874-266-7

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5845 GCAATGATCCCATG 5859  
DB 15 GCAATGATCCCATG 1

RESULT 2806  
US-08-893-204C-2  
Sequence 2, Application US/08893204C  
Patent No. 6043044  
GENERAL INFORMATION:  
APPLICANT: Hudson, Perry B.  
APPLICANT: Hakky, Said I.  
APPLICANT: Meyer-Siegler, Katherine  
APPLICANT: Hakki, A-Hamid  
TITLE OF INVENTION: DIAGNOSTIC AND PROGNOSTIC MARKER  
TITLE OF INVENTION: FOR METASTATIC ADENOCARCINOMA  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Rosenberg, Klein & Bilker  
STREET: 3444 Ellicott Center Drive, Suite 105  
CITY: Ellicott City  
STATE: Maryland  
COUNTRY: U.S.A.  
ZIP: 21043  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inches,  
MEDIUM TYPE: 1.44mb storage  
COMPUTER: IBM  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WordPerfect for Windows 7.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/893.204C  
FILING DATE: 7/15/97  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Rosenberg, Motion  
REGISTRATION NUMBER: 26,049  
REFERENCE/DOCKET NUMBER: MR2493-5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (410) 465-6678  
TELEFAX: (410) 461-3067  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: yes  
ANTI-SENSE: no

ORIGINAL SOURCE: synthetic  
PUBLICATION INFORMATION:  
AUTHORS: Katherine Meyer-Siegler  
AUTHORS: Perry Hudson  
TITLE: Enhanced Expression of Macrophage Migration  
TITLE: Inhibitory Factor in Prostatic Adenocarcinoma Metastases  
JOURNAL: Urology  
VOLUME: 48  
ISSUE: 3  
PAGES: 448-452  
DATE: 1996  
RELEVANT RESIDUES IN SEQ ID NO: 2: FROM 1 TO 15  
US-08-893-204C-2

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4478  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 2807  
US-08-832-021-26  
Sequence 26, Application US/08832021  
Patent No. 6045998  
GENERAL INFORMATION:  
APPLICANT: Combates, N.  
APPLICANT: Pardinas, J.  
APPLICANT: Parimoo, S.  
APPLICANT: Prouty, S.  
APPLICANT: Steen, K.  
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY  
FILE REFERENCE: JBP-382  
CURRENT APPLICATION NUMBER: US/08/832,021  
CURRENT FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 26  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-08-832-021-26

Query Match 0.2%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 1.5e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4472 TTTT TTTT TTTT TTTT TTTT 4486  
DB 1 TTTT TTTT TTTT TTTT TTTT 15

RESULT 2808  
US-08-832-021-38  
Sequence 38, Application US/08832021  
Patent No. 6045998  
GENERAL INFORMATION:  
APPLICANT: Combates, N.  
APPLICANT: Pardinas, J.  
APPLICANT: Parimoo, S.  
APPLICANT: Prouty, S.  
APPLICANT: Steen, K.  
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY  
FILE REFERENCE: JBP-382  
CURRENT APPLICATION NUMBER: US/08/832,021  
CURRENT FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 38

```

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-38
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4472 TTTT TTTT TTTT TTTT GTC 4486
           |||||
Db       1 TTTT TTTT TTTT TTTT GCC 15
```

```

RESULT 2809
; Sequence 44, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-44
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4471 TTTT TTTT TTTT TTTT GT 4485
           |||||
Db       1 TTTT TTTT TTTT TTTT TGT 15
```

```

RESULT 2810
; Sequence 48, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-48
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4471 TTTT TTTT TTTT TTTT GT 4485
           |||||
Db       1 TTTT TTTT TTTT TTTT TGT 15
```

```

RESULT 2811
; Sequence 50, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 50
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-50
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4472 TTTT TTTT TTTT TTTT GTC 4486
           |||||
Db       1 TTTT TTTT TTTT TTTT GCC 15
```

```

RESULT 2812
; Sequence 52, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-52
```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4471 TTTT TTTT TTTT TTTT GT 4485
           |||||
Db       1 TTTT TTTT TTTT TTTT TGT 15
```

```
RESULT 2813
US-08-832-021-54
; Sequence 54, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 54
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-54

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4472 TTTTTCCTGTC 4486
DB      1 TTTTTCCTGTC 15

RESULT 2814
US-08-832-021-55
; Sequence 55, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-55

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4470 TTTTTCCTGTC 4484
DB      1 TTTTTCCTGTC 15

RESULT 2815
US-08-832-021-56
; Sequence 56, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
```

```
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 56
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-56

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4464 TTTTTCCTGTC 4478
DB      1 TTTTTCCTGTC 15

RESULT 2816
US-08-832-021-58
; Sequence 58, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 58
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-58

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4472 TTTTTCCTGTC 4486
DB      1 TTTTTCCTGTC 15

RESULT 2817
US-08-832-021-59
; Sequence 59, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
```

```

; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 59
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-59

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4470 TTTTCTTTTCTG 4484
DB 1 TTTTCTTTTCTG 15

RESULT 2818
US-08-832-021-60
; Sequence 60, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parmoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 60
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-60

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTT 4478
DB 1 TTTTCTTTTCTT 15

RESULT 2819
US-08-913-833-25/c
; Sequence 25, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGH, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
```

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-913-833-25

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2153 TCCATCCCAATTC 2167
DB 15 TCCATCCCAATTC 1

RESULT 2820
US-09-071-845-359
; Sequence 359, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
```



```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 359:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-359

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 13.3%; Pred. No. 1.5e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY      4461 GACTTTT TTTT TTT 4475
DB      1 GAUUUUUUUUUUUU 15

RESULT 2821
US-09-180-437-104
; Sequence 104, Application US/09180437
; Patent No. 6251873
; GENERAL INFORMATION:
; APPLICANT: FUKUSAKO, Shioji
; APPLICANT: MORISAWA, Yoshifumi
; APPLICANT: KUSUYAMA, Takeshi
; TITLE OF INVENTION: Antisense Compounds to CD14
; FILE REFERENCE: 1110-209P
; CURRENT APPLICATION NUMBER: US/09/180,437
; EARLIER FILING DATE: 1998-11-06
; EARLIER APPLICATION NUMBER: PCT/J98/00953
; EARLIER FILING DATE: 1998-03-09
; EARLIER APPLICATION NUMBER: 09-053518 JAPAN
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 104
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: other nucleic
; US-09-180-437-104

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7414 AGCAGCAGCAGCAGC 7428
DB      1 AGCAGCAGCAGCAGC 15

RESULT 2822
US-09-054-832-28
; Sequence 28, Application US/09054832
; Patent No. 6312894
```

```

; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
; TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
; TITLE OF INVENTION: CONJUGATED TO MINOR GROOVE BINDERS
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,832
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/415,370
; FILING DATE: 03-Apr-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20004.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-054-832-28

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      121 GGGATCCCGAGCAGC 135
DB      1 GGGTCCCGAGCAGC 15

RESULT 2823
US-09-580-794C-25/c
; Sequence 25, Application US/09580794C
; Patent No. 631389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwaghe, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; TITLE OF INVENTION: TRANSCRIPTASE GENE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
```

```
; SEQ ID NO 25
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-25
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2153 TTCTCATCCAAATCT 2167
          |||||
          15 TTCTCTTCCAATCT 1
```

```
RESULT 2824
US-09-081-646-207/C
; Sequence 207, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 207
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-207
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6861 TTCTCCCTGGCAGG 6875
          |||||
          15 TTCTCCCTGGCAGT 1
```

```
RESULT 2825
US-09-081-646-788/C
; Sequence 788, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: PatSeq for Windows Version 3.0
; SEQ ID NO 788
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-788
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6861 TTCTCCCTGGCAGG 6875
          |||||
          15 TTCTCCCTGGCAGT 1
```

```
RESULT 2826
US-08-618-834C-6/C
; Sequence 6, Application US/08618834C
; Patent No. 6361937
; GENERAL INFORMATION:
; APPLICANT: Stryer, Lubert
; TITLE OF INVENTION: Computer-Aided Nucleic Acid
; FILE REFERENCE: Sequencing
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Ritzer, Van Pelt & Yi LLP
; STREET: 4906 El Camino Real, Suite 205
; CITY: Los Altos
; STATE: CA
; COUNTRY: USA
; ZIP: 94022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/618,834C
; FILING DATE: 19-MAR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ritzer, Michael J.
; REGISTRATION NUMBER: 36,653
; REFERENCE/DOCKET NUMBER: AFFYP002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-903-3501
; TELEFAX: 650-903-3500
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-618-834C-6
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      7150 TGGTAGTGATGTTG 7164
          |||||
          15 TGGTAGTGATGTTG 1
```

```
RESULT 2827
US-09-031-952-7/C
; Sequence 7, Application US/09031952A
; Patent No. 6395476
; GENERAL INFORMATION:
; APPLICANT: Thomas, Howard C.
; APPLICANT: Summerfield, John A.
; APPLICANT: Janice, Main
; TITLE OF INVENTION: METHODS OF PREDICTING THE OUTCOME OF INFECTION
; FILE REFERENCE: Thomas
; CURRENT APPLICATION NUMBER: US/09/031,952A
```

```

CURRENT FILING DATE: 1998-01-27
EARLIER APPLICATION NUMBER: 9515393.8
EARLIER FILING DATE: 1995-07-27
EARLIER APPLICATION NUMBER: 9521025.8
EARLIER FILING DATE: 1995-10-13
EARLIER APPLICATION NUMBER: 9614414.2
EARLIER FILING DATE: 1996-07-09
EARLIER APPLICATION NUMBER: PCT/GB96/01819
EARLIER FILING DATE: 1996-07-25
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO: 7
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: unknown
US-09-031-952-7

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

CY 3931 CTTTCTCCCTTGAT 3945
      |||||
      15 CTTTCTCCCTTGAT 1

```

```

RESULT 2828
US-09-475-947A-164
Sequence 164, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 164
LENGTH: 15
TYPE: DNA
ORGANISM: human
US-09-475-947A-164

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

CY 4464 TTTTCTTTTCTTTT 4478
      |||||
      1 TTTTCTTTTCTTTT 15

```

```

RESULT 2829
US-09-640-953-28
Sequence 28, Application US/09640953
Patent No. 6492346
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
CONJUGATED TO MINOR GROOVE BINDERS
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FORSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA

```

```

ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/640,953
FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/054,832
FILING DATE: 03-APR-1998
APPLICATION NUMBER: 08/415,370
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20004.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-640-953-28

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

CY 121 GGGATCCCGAGCAGC 135
      |||||
      1 GGGATCCCGAGCAGC 15

```

```

RESULT 2830
US-09-491-356C-19
Sequence 19, Application US/09491356C
Patent No. 6566061
GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Gims, Edward I.
APPLICANT: Deliel, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.GUS11
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin version 3.1
SEQ ID NO: 19
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-491-356C-19

```

```

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

CY 7413 CAGCAGCAGCAGCAG 7427
      |||||
      1 CAGCAGCAGCAGCAG 15

```

```
RESULT 2831
PCT-US91-01574-20
; Sequence 20, Application PC/TUS9101574
; GENERAL INFORMATION:
; APPLICANT: White Ph.D, Thomas J.
; APPLICANT: Dodge, Deborah E.
; TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cetus Corporation
; STREET: 1400 Fifty-Third Street
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/01574
; FILING DATE: 19910307
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 489,676
; FILING DATE: 07-MAR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Kaster, Kevin R.
; REGISTRATION NUMBER: 32,704
; REFERENCE/DOCKET NUMBER: 2536.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 420-3444
; TELEFAX: (415) 658-5239
; TELEX: 4992659
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; PCT-US91-01574-20

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6286 GTGCTACACTGGCCT 6300
DB      1 GTGCTACATGGCCT 15

RESULT 2832
US-08-753-147-188
; Sequence 188, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-753-147-188

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5343 TCTCTCGAGTGGTT 5357
DB      2 TTCTCTCAGTGGTT 16

RESULT 2833
US-08-173-489C-126/C
; Sequence 126, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 16 bases  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: third strand derived from alpha-2-  
DESCRIPTION: globin sequence region in Seq ID No. 5861244125  
HYPOTHETICAL: yes  
ANTI-SENSE: no  
PUBLICATION INFORMATION:  
RELEVANT RESIDUES IN SEQ ID NO: 126 : FROM 1 TO 16  
US-08-173-489C-126

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 1.7e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3223 GGGAGGAGGAGGA 3237  
Db 16 GGGAGGAGGAGGA 2

RESULT 2834  
US-08-770-235A-62  
Sequence 62, Application US/0870235A  
Patent No. 5939538  
GENERAL INFORMATION:  
APPLICANT: Leavitt, Markley C.  
APPLICANT: Tritz, Richard  
APPLICANT: Feng, Yu  
APPLICANT: Barber, Jack  
APPLICANT: Yu, Mang  
TITLE OF INVENTION: Methods and Compositions for Inhibiting  
TITLE OF INVENTION: HIV Infection of Cells by Cleaving HIV Co-Receptor RNA  
NUMBER OF SEQUENCES: 77  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3634  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/770,235A  
FILING DATE: 19-DEC-1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/027,875  
FILING DATE: 25-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: QUINE, Jonathan A.  
REGISTRATION NUMBER: P-41,261  
REFERENCE/DOCKET NUMBER: 016556-001610US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA  
US-08-770-235A-62

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 53.3%; Pred. No. 1.7e+03;  
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

OY 1761 TATGTGATCCCTGCC 1775  
Db 2 TAATGGCAUCCUGGUC 16

RESULT 2835  
US-08-454-098-8  
Sequence 8, Application US/08454098  
Patent No. 6103521  
GENERAL INFORMATION:  
APPLICANT: CAPON, DANIEL J  
APPLICANT: SMITH, DOUGLAS H  
APPLICANT: TIAN, HUAN  
APPLICANT: WINSLOW, GENINE A  
APPLICANT: SIEKIVITZ, MIRIAM  
TITLE OF INVENTION: MULTISPECIFIC CHIMERIC RECEPTORS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSER: CELL GENESYS, INC.  
STREET: 322 LAKESIDE DRIVE  
CITY: FOSTER CITY  
STATE: CALIFORNIA  
COUNTRY: US  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/454,098  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/384,033  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: KRUPEN, KAREN I  
REGISTRATION NUMBER: 34,647  
REFERENCE/DOCKET NUMBER: CELL 18  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 358-9600 x131  
TELEFAX: (415) 349-7392  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-454-098-8

Query Match 0.2%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 1.7e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7181 GGTGGCATGTGTGA 7195  
Db 2 GGTGGCATGTGTGA 16

RESULT 2836  
US-08-645-411C-1  
Sequence 1, Application US/08645411C  
Patent No. 6444798  
GENERAL INFORMATION:  
APPLICANT: Steven A. Benner  
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Steven A. Benner  
STREET: 1501 NW 68th Terrace

```
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: United States
/ ZIP: 32605
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 7.0
/ SOFTWARE: Microsoft Word
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/645,411C
/ FILING DATE: 13-May-1996
/ CLASSIFICATION: 536/24.1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352 392 7773
/ TELEFAX: 352 331 0462
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-08-645-411C-1

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6063 TTTTCTAAATCTGG 6077
DB 1 TTTTCTAGATCTGG 15

RESULT 2837
US-08-645-411C-2/c
/ Sequence 2, Application US/08645411C
/ Patent No. 6444798
/ GENERAL INFORMATION:
/ APPLICANT: Steven A. Benner
/ TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Steven A. Benner
/ STREET: 1501 NW 68th Terrace
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: United States
/ ZIP: 32605
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 7.0
/ SOFTWARE: Microsoft Word
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/645,411C
/ FILING DATE: 13-May-1996
/ CLASSIFICATION: 536/24.1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352 392 7773
/ TELEFAX: 352 331 0462
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-08-645-411C-2
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6063 TTTTCTAAATCTGG 6077
DB 16 TTTTCTAGATCTGG 2

RESULT 2838
US-08-645-411C-6
/ Sequence 6, Application US/08645411C
/ Patent No. 6444798
/ GENERAL INFORMATION:
/ APPLICANT: Steven A. Benner
/ TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Steven A. Benner
/ STREET: 1501 NW 68th Terrace
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: United States
/ ZIP: 32605
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 7.0
/ SOFTWARE: Microsoft Word
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/645,411C
/ FILING DATE: 13-May-1996
/ CLASSIFICATION: 536/24.1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352 392 7773
/ TELEFAX: 352 331 0462
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-08-645-411C-6

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6063 TTTTCTAAATCTGG 6077
DB 1 TTTTCTAGATCTGG 15

RESULT 2839
US-08-645-411C-7
/ Sequence 7, Application US/08645411C
/ Patent No. 6444798
/ GENERAL INFORMATION:
/ APPLICANT: Steven A. Benner
/ TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Steven A. Benner
/ STREET: 1501 NW 68th Terrace
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: United States
/ ZIP: 32605
/ COMPUTER READABLE FORM:
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MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7.0  
SOFTWARE: Microsoft Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/645,411C  
FILING DATE: 13-May-1996  
CLASSIFICATION: 536/24.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352 392 7773  
TELEFAX: 352 331 0462  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-08-645-411C-7

Query Match 0.2%: Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 1.7e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6063 TTTTCTAATCTGG 6077  
Db 1 TTTTCTAATCTGG 15

RESULT 2840  
US-08-645-411C-8  
Sequence 8, Application US/08645411C  
Patent No. 6444798  
GENERAL INFORMATION:  
APPLICANT: Steven A. Benner  
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Steven A. Benner  
STREET: 1501 NW 68th Terrace  
CITY: Gainesville  
STATE: FL  
COUNTRY: United States  
ZIP: 32605  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7.0  
SOFTWARE: Microsoft Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/645,411C  
FILING DATE: 13-May-1996  
CLASSIFICATION: 536/24.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352 392 7773  
TELEFAX: 352 331 0462  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
US-08-645-411C-8

Query Match 0.2%: Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 1.7e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6063 TTTTCTAATCTGG 6077  
Db 1 TTTTCTAATCTGG 15

RESULT 2841  
US-08-645-411C-9/C  
Sequence 9, Application US/08645411C  
Patent No. 6444798  
GENERAL INFORMATION:  
APPLICANT: Steven A. Benner  
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Steven A. Benner  
STREET: 1501 NW 68th Terrace  
CITY: Gainesville  
STATE: FL  
COUNTRY: United States  
ZIP: 32605  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7.0  
SOFTWARE: Microsoft Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/645,411C  
FILING DATE: 13-May-1996  
CLASSIFICATION: 536/24.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352 392 7773  
TELEFAX: 352 331 0462  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
US-08-645-411C-9

Query Match 0.2%: Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 1.7e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6063 TTTTCTAATCTGG 6077  
Db 16 TTTTCTAATCTGG 2

RESULT 2842  
US-09-371-772B-5982  
Sequence 5982, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Payco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0

```
; SEQ ID NO 5982
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5982
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Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 1.7e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6527 ATTAGCTGCGCCATA 6541
Db      1 AADAGCUGGCGCAUA 15
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```
RESULT 2843
US-09-479-005A-95
; Sequence 95, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 95
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-95
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```
Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 40.0%; Pred. No. 1.7e+03;
Matches 6; Conservative 8; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      7436 CAATCTGTGTTTA 7450
Db      2 CUUUCUGUGUUUA 16
```

```
RESULT 2844
US-09-479-005A-487/C
; Sequence 487, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 487
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-487
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 16;
```

```
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      1519 CCGGGGAAACAGTTC 1533
Db      16 CCGGGCAACAGTTC 2
```

```
RESULT 2845
PCT-US96-01600-8
; Sequence 8, Application PC/TUS9601600
; GENERAL INFORMATION:
; APPLICANT: Capon, Daniel J.
; APPLICANT: Smith, Douglas H.
; APPLICANT: Tian, Huan
; APPLICANT: Winslow, Genie A.
; APPLICANT: Siekevitz, Miriam
; TITLE OF INVENTION: Multispecific Chimeric Receptors
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/01600
; FILING DATE: 06-FEB-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7639-051-228
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US96-01600-8
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      7181 GGTGGCATGTGTGA 7195
Db      2 GGTGGCATGTGTGA 16
```

```
RESULT 2846
US-08-045-264A-3
; Sequence 3, Application US/08045264A
; Patent No. 5436131
; GENERAL INFORMATION:
; APPLICANT: CONDRY, JON H.
; APPLICANT: GRAHAM, DONALD J.
; APPLICANT: GOTLIB, LEAH
; TITLE OF INVENTION: COLOR SCREENING ASSAY FOR IDENTIFYING
; TITLE OF INVENTION: DRUG-RESISTANT HIV PROTEASE MUTANTS AND INHIBITORS
; TITLE OF INVENTION: THEREOF.
; NUMBER OF SEQUENCES: 25
```



;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Merck & Co., Inc.  
;; STREET: PO Box 2000, 126 E. Lincoln Ave.  
;; CITY: Rahway  
;; STATE: New Jersey  
;; COUNTRY: USA  
;; ZIP: 07065  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: Macintosh Ixci  
;; OPERATING SYSTEM: System 7  
;; SOFTWARE: Microsoft Word 5.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/045,264A  
;; FILING DATE: 02-APR-1993  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: MEREDITH, ROY, D.  
;; REGISTRATION NUMBER: 30,777  
;; REFERENCE/DOCKET NUMBER: 18936  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (908) 594-4678  
;; TELEFAX: (908) 594-4720  
;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
;; MOLECULE TYPE: DNA Primer  
;; HYPOTHETICAL: NO  
;; US-08-045-264A-3

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0;

QY 5723 CTTGCTGCTTCC 5737  
Db 2 CTTGCTGCTTCC 16

RESULT 2847  
US-08-281-940-24/C  
; Sequence 24, Application US/08281940  
; Patent No. 5589330  
; GENERAL INFORMATION:  
; APPLICANT: SHUBER, ANTHONY P.  
; TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC  
; NUMBER OF SEQUENCES: 65  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: DARBY & DARBY P.C.  
; STREET: 805 THIRD AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10022  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/281,940  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: LUDWIG, S. PETER  
; REGISTRATION NUMBER: 25351  
; REFERENCE/DOCKET NUMBER: 0372/09696  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212/527-7700

;; TELEFAX: 212/753-6237  
;; TELEX: 236687  
;; INFORMATION FOR SEQ ID NO: 24:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; ORIGINAL SOURCE:  
;; ORGANISM: Homo sapien  
;; IMMEDIATE SOURCE:  
;; CLONE: 2184dAM  
;; US-08-281-940-24

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5413 AGAATATTAAGCA 5427  
Db 17 AGAATATTAAGCA 3

RESULT 2848  
US-08-373-124A-376/C  
; Sequence 376, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McStiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
; MEDIUM TYPE: storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wardburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 376:  
; SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-376

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5832 TCTCTGATGGCTGC 5846  
DB 15 TCTCTGATGGCTGC 1

RESULT 2849  
US-08-373-124A-530  
Sequence 530, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 530:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-530

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 1.9e+03;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2818 AGAAGCTTTCAG 2832  
DB 1 AGAAGCTTTCAG 15

RESULT 2850  
US-08-373-124A-974/C  
Sequence 974, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 974:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-974

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGATTAATT 5495  
DB 15 TAAAGATTAATT 1

RESULT 2851  
US-08-373-124A-1421/C  
Sequence 1421, Application US/08373124A

```
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1421:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1421

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 1; Indels 0; Gaps 0;

Cy 5832 TCTCGATGCGCTGC 5846
Db 15 TCTCGATGCGCTGC 1

RESULT 2852
US-08-373-124A-1969
Sequence 1969, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
```

```
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1969:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1969

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1.9e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Cy 3482 GTAATCTTAAGCA 3496
Db 1 GUAUACUUAUGCA 15

RESULT 2853
US-08-373-124A-2051/C
Sequence 2051, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
```

```

;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2051:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-2051

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Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      5482 AAAAAGATTAATTTT 5496
Db      17 AAAAATATTAATTTT 3

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RESULT 2854
US-08-373-124A-2055/C
; Sequence 2055, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995

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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2055:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-2055

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Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      5481 TAAAGAATTAATTTT 5495
Db      15 TAAATATTAATTTT 1

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RESULT 2855
US-08-373-124A-2141
; Sequence 2141, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992

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ATTORNEY/AGENT INFORMATION:  
NAME: Marburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2141:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2141

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 20.0%; Pred. No. 1.9e+03;  
Matches 3; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 4461 GACTTTTCTTTTCTT 4475  
|||:::|:::|  
Db 3 GACUUUUUUUUUUU 17

RESULT 2856  
US-08-482-115B-30/c  
Sequence 30, Application US/08482115B  
Patent No. 576679  
GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Feng, Junli  
APPLICANT: Funk, Walter  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Assays for the RNA Component of Human  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/482,115B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/272,102  
FILING DATE: 07-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Storella, John R.  
REGISTRATION NUMBER: 32,944  
REFERENCE/DOCKET NUMBER: 015389-000830US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA

US-08-482-115B-30  
Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3168 TTAGTTTGCGTTTG 3182  
|||||  
Db 17 TTGGCTTGGCTTTG 3

RESULT 2857  
US-08-327-525A-28/c  
Sequence 28, Application US/08327525A  
Patent No. 5795716  
GENERAL INFORMATION:  
APPLICANT: Chee, Mark S.  
APPLICANT: Wang, Chunwei  
APPLICANT: Jeyons, Luis C.  
APPLICANT: Bernhart, Derek H.  
APPLICANT: Lipschutz, Robert J.  
TITLE OF INVENTION: Computer-Aided Visualization and  
ANALYSIS System for Sequence Evaluation  
Patent No. 5795716  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/327,525A  
FILING DATE: October 21, 1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5795716v1el, Vernon A.  
REGISTRATION NUMBER: 32,483  
REFERENCE/DOCKET NUMBER: 16528X-82  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-326-2400  
TELEFAX: 415-326-2422  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-327-525A-28

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5590 ATGTGATTTGGTTT 5604  
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Db 15 ATGTGATTTGGTTT 1

RESULT 2858  
US-08-758-306-811/c  
Sequence 811, Application US/08758306  
Patent No. 5807743  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggen, James A.

```

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 811:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-811
;
; Query Match 0.2%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 93.3%; Pred. No. 1.9e+03;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 4361 CCTGTGACAGGCTG 4375
; DB 15 CCAGTGACAGGCTG 1
;
; RESULT 2859
; US-08-435-628-376/c
; Sequence 376, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 376:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-376
;
; Query Match 0.2%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 93.3%; Pred. No. 1.9e+03;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 5832 TCTGTGATGGCTGC 5846
; DB 15 TCTGTGATGGCTGC 1
;
; RESULT 2860
; US-08-435-628-530
; Sequence 530, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 530:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-530

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 1.9e+03;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

CY      2818 AGAAGCTTCCAG 2832
DB      1 AGAAGCTTCCAG 15

RESULT 2861
US-08-435-628-974/c
Sequence 974, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
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FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 974:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-974

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY      5481 TAAAGATATATTT 5495
DB      15 TAAAGATATATTT 1

RESULT 2862
US-08-435-628-1421/c
Sequence 1421, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
```

```

; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 209/035
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (213) 489-1600
;     TELEFAX: (213) 955-0440
;     TELEX: 67-3510
;   INFORMATION FOR SEQ ID NO: 1421:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 17 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
; US-08-435-628-1421

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5832 TCTCTGATGGCTGC 5846
DB      15 TCTCTGATGGCTGC 1

RESULT 2863
US-08-435-628-1969
; Sequence 1969, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
;   APPLICANT: Stinchcomb, Dan T.
;   APPLICANT: Draper, Kenneth
;   APPLICANT: McSwigen, James
;   APPLICANT: Jarvis, Thale
;   TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
;   TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
;   TITLE OF INVENTION: CANCER USING RIBOZYMES
;   NUMBER OF SEQUENCES: 2627
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Lyon & Lyon
;     STREET: 633 West Fifth Street
;     CITY: Los Angeles
;     STATE: California
;     COUNTRY: U.S.A.
;     ZIP: 90071
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;     MEDIUM TYPE: storage
;     COMPUTER: IBM Compatible
;     OPERATING SYSTEM: IBM P.C. DOS 5.0
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/435,628
;     FILING DATE: 05-MAY-1995
;     CLASSIFICATION: 514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: 08/373,124
;     FILING DATE: January 13, 1995
;     APPLICATION NUMBER: 08/245,466
;     FILING DATE: May 18, 1994
;     APPLICATION NUMBER: 08/192,943
;     FILING DATE: February 7, 1994
;     APPLICATION NUMBER: 07/987,132
;     FILING DATE: December 7, 1992
;     APPLICATION NUMBER: 07/936,422
;     FILING DATE: August 26, 1992
;     ATTORNEY/AGENT INFORMATION:
;       NAME: Warburg, Richard
;       REGISTRATION NUMBER: 32,327
```

```

; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
;   INFORMATION FOR SEQ ID NO: 1969:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 17 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
; US-08-435-628-1969

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1.9e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      3482 GTAATCTTAAGGCA 3496
DB      1 GUAUACUUAUGCA 15

RESULT 2864
US-08-435-628-2051/C
; Sequence 2051, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
;   APPLICANT: Stinchcomb, Dan T.
;   APPLICANT: Draper, Kenneth
;   APPLICANT: McSwigen, James
;   APPLICANT: Jarvis, Thale
;   TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
;   TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
;   TITLE OF INVENTION: CANCER USING RIBOZYMES
;   NUMBER OF SEQUENCES: 2627
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Lyon & Lyon
;     STREET: 633 West Fifth Street
;     CITY: Los Angeles
;     STATE: California
;     COUNTRY: U.S.A.
;     ZIP: 90071
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;     MEDIUM TYPE: storage
;     COMPUTER: IBM Compatible
;     OPERATING SYSTEM: IBM P.C. DOS 5.0
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/435,628
;     FILING DATE: 05-MAY-1995
;     CLASSIFICATION: 514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: 08/373,124
;     FILING DATE: January 13, 1995
;     APPLICATION NUMBER: 08/245,466
;     FILING DATE: May 18, 1994
;     APPLICATION NUMBER: 08/192,943
;     FILING DATE: February 7, 1994
;     APPLICATION NUMBER: 07/987,132
;     FILING DATE: December 7, 1992
;     APPLICATION NUMBER: 07/936,422
;     FILING DATE: August 26, 1992
;     ATTORNEY/AGENT INFORMATION:
;       NAME: Warburg, Richard
;       REGISTRATION NUMBER: 32,327
;     REFERENCE/DOCKET NUMBER: 209/035
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE: (213) 489-1600
;       TELEFAX: (213) 955-0440
;       TELEX: 67-3510
;     INFORMATION FOR SEQ ID NO: 2051:
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SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2051

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5482 AAAAGATATATTTT 5496  
DB 17 AAAAATATATATTTT 3

RESULT 2865  
US-08-435-628-2055/C  
Sequence 2055, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2055:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2055

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGATATATATTTT 5495  
DB 15 TAAATATATATATTTT 1

RESULT 2866  
US-08-435-628-2141  
Sequence 2141, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2141:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2141  
Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 20.0%; Pred. No. 1.9e+03;  
Matches 3; Conservative 11; Mismatches 1; Indels 0; Gaps 0;  
QY 4461 GACTTTTATTTTATTTT 4475

Db 3 GACUUUUUUUUUU 17

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RESULT 2867
US-08-710-134-24/c
; Sequence 24, Application US/08710134
; Patent No. 5834181
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
; TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genzyme Corporation
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 13-SEP-1996
; APPLICATION NUMBER: US/08/710,134
; PUBLICATION DATE: 13-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-8.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides"
US-08-710-134-24

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: US/08/292,620A
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1888:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-1888

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1912:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1912

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Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 5021 TCTGGAGAGAGCG 5035
Db 17 TGTGGAGAGAGCG 3

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RESULT 2870
US-08-485-885-24/c
Sequence 24, Application US/08485885
Patent No. 5849483
GENERAL INFORMATION:
APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
NUMBER OF SEQUENCES: 65
SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
CORRESPONDENCE ADDRESS:
ADDRESSER: Genzyme Corporation
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,885
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: GEN4-12.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415

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INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides"
US-08-485-885-24

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Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 5413 AGAATATTAAGCA 5427
Db 17 AGAATATTAAGCA 3

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RESULT 2871
US-08-173-489C-95
Sequence 95, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C.-G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSER: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelsman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: superoxide dismutase gene (accession #
J02947) nucleotides 1212 to 1228
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: chromosome 21
MAP POSITION: 21q22.1
PUBLICATION INFORMATION:
AUTHORS: Hjalmarsson, K, Marklund, S L,

```

AUTHORS: Engstrom, A, Edlund, T.  
TITLE: Isolation and sequence of  
TITLE: complementary dna encoding human extracellular-  
TITLE: superoxide dismutase  
JOURNAL: Proceedings of the National Academy of  
VOLUME: 84  
PAGES: 6340-6344  
DATE: 1987  
RELEVANT RESIDUES IN SEQ ID NO: 95 :FROM 1 TO 17  
US-08-173-489C-95

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2998 CCCCACCCCTCACC 3012  
Db 3 CCCCACCCCTCACC 17

RESULT 2872  
US-07-923-871C-7  
Sequence 7, Application US/07923871C  
Patent No. 5912117  
GENERAL INFORMATION:  
APPLICANT: White Ph.D, Thomas J.  
APPLICANT: Dodge, Deborah E.  
TITLE OF INVENTION: Method for diagnosis of Lyme Disease  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: NJ  
COUNTRY: USA  
ZIP: 07110-1199  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/923,871C  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 489,676  
FILING DATE: 07-MAR-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8697  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
TELEX:  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-07-923-871C-7

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6286 GTGCTACTGCGCT 6300

Db 2 GTGCTACTGCGCT 16

RESULT 2873  
US-08-472-802C-33/c  
Sequence 33, Application US/08472802C  
Patent No. 5958680  
GENERAL INFORMATION:  
APPLICANT: Villeponteau, Bryant  
APPLICANT: Peng, Junli  
TITLE OF INVENTION: Mammalian Telomerase  
NUMBER OF SEQUENCES: 44  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/472,802C  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/272,102  
FILING DATE: 07-JUL-1994  
APPLICATION DATA:  
APPLICATION NUMBER: US 08/330,123  
FILING DATE: 27-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, William M.  
REGISTRATION NUMBER: 30,223  
REFERENCE/DOCKET NUMBER: 15389-000820  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-472-802C-33

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3168 TTAGGTTGGGTTG 3182  
Db 17 TTGGGTTGGGTTG 3

RESULT 2874  
US-08-531-137B-28/c  
Sequence 28, Application US/08531137B  
Patent No. 5974164  
GENERAL INFORMATION:  
APPLICANT: Chee, Mark S.  
TITLE OF INVENTION: Computer-Aided Visualization and  
TITLE OF INVENTION: Analysis System for Sequence Evaluation  
Patent No. 5974164  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ritter, Van Pelt & Yi LLP

STREET: 4906 El Camino Real, Suite 205  
CITY: Los Altos  
STATE: California  
COUNTRY: USA  
ZIP: 94022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/531,137B  
FILING DATE: October 16, 1995  
CLASSIFICATION: 382  
ATTORNEY/AGENT INFORMATION:  
NAME: Ritzer, Michael J.  
REGISTRATION NUMBER: 36,653  
REFERENCE/DOCKET NUMBER: APTP006  
TELEPHONE: 650-903-3500  
TELEFAX: 650-903-3501  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-531-137B-28

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5590 ATGTGATTGGTTT 5604  
DB 15 ATGTGATTGGTTT 1

RESULT 2875  
US-08-825-487A-95/C  
Sequence 95, Application US/08825487A  
Patent No. 6048689  
GENERAL INFORMATION:  
APPLICANT: Murphy, Patricia D.  
APPLICANT: White, Marga B.  
TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN POLYNUCLEOTIDE SEQUENCE  
NUMBER OF SEQUENCES: 110  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howrey & Simon  
STREET: 1299 Pennsylvania Avenue., N.W.  
CITY: Washington,  
STATE: DC  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/825,487A  
FILING DATE: 28-MAR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US98/060002  
FILING DATE: 26-Mar-1998  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Albert P. Halluin  
REGISTRATION NUMBER: 25,227  
REFERENCE/DOCKET NUMBER: 05371.0012.999  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-463-8100  
TELEFAX: 650-463-8400  
INFORMATION FOR SEQ ID NO: 95:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other  
FEATURE:  
NAME/KEY: Other  
LOCATION: 1...17  
OTHER INFORMATION: BRCA1 ASO 11361nsA-Mutant  
US-08-825-487A-95

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6462 TACTTTTTTTCTG 6476  
DB 15 TACTTTTTTTCTG 1

RESULT 2876  
US-08-985-162-116  
Sequence 116, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 116:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-116

Query Match	0.2%	Score 13.4;	DB 1;	length 17;
Best Local Similarity	73.3%	Pred. No. 1.9e+03;		
Matches 11; Conservative	3;	Mismatches 1;	Indels 0;	Gaps 0;

QY	398	ATAAGTGTCCCGTA	412
Db	1	AGAGUGUCCCGUA	15

RESULT 2877  
US-08-985-162-617

1 GENERAL INFORMATION:  
2 APPLICANT: Akhtar, Saghir  
3 APPLICANT: Felli, Patricia  
4 APPLICANT: MCSwiggan, James  
5 TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
6 TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATELE  
7 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
8 TITLE OF INVENTION: FACTOR RECEPTORS  
9 NUMBER OF SEQUENCES: 1877  
10 CORRESPONDENCE ADDRESS:

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84

1 FILING DATE: 31 January 1998  
2  
3 ATTORNEY/AGENT INFORMATION:  
4  
5 NAME: Walburg, Richard J.  
6  
7 REGISTRATION NUMBER: 32,327  
8  
9 REFERENCE/DOCKET NUMBER: 2  
10  
11 TELECOMMUNICATION INFORMATION  
12  
13 TELEPHONE: (213) 489-1600  
14  
15 TELEFAX: (213) 955-0440  
16  
17 TELEX: 67-3510  
18  
19 INFORMATION FOR SEQ ID NO: 617  
20  
21 SEQUENCE CHARACTERISTICS:  
22  
23 LENGTH: 17 base pairs  
24  
25 TYPE: nucleic acid  
26  
27 STRANDEDNESS: single  
28  
29 TOPOLOGY: linear  
30  
31 JS-08-985-162-617

Query Match	0.2%	Score 13.4	DB 1	Length 17
Best Local Similarity	60.0%	Pred. No. 1.9e+03		
Matches 9, Conservative		5, Mismatches 1	Indels 0	Gaps 0

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QY      5248 ATTCAACGAGCATTTG 5262
      ||::||| |||:::|
Db      3  AUTCACGACCAUUG 17
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RESULT 2878  
US-08-998-099-134  
; Sequence 134, Application US/08998099A  
; Patent No. 6103890

```

GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINGHOM, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998, 099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037, 658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373, 124
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245, 466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 134
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-134

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Query Match	0.2%	Score 13.4;	DB 1;	Length 17;
Best Local Similarity	73.3%	Pred. No. 1.9e+03;		
Matches 11; Conservative	3;	Mismatches 1;	Indels 0;	Gaps 0;

```
QY      3382 CTCCTCCCCAGCTG 3396
          |||:|||||:|
Db      3 CUCUUCCCAAGTUG 17
```

RESULT 2879  
US-09-071-845-1888/c  
; Sequence 1888, Application US/09071845  
; Patent No. 6132967

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION:  
RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
MOLECULE-1 (I-CAM-1)  
TITLE OF INVENTION:  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

STREET: 633 West Fifth Street  
STREET: Suite 4700  
City: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:

1 CLASSIFICATION:  
2  
3 PRIOR APPLICATION DATA:  
4  
5 APPLICATION NUMBER: US/08/292,620D  
6  
7 FILING DATE: August 17, 1994  
8  
9 APPLICATION NUMBER: 08/008,895  
10  
11 FILING DATE: January 19, 1993  
12  
13 APPLICATION NUMBER: 07/989,869  
14  
15 FILING DATE: December 7, 1992

```
ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1888:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-1888

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY      5021 TCTGGAGAGGCGAG 5035
Db      17 TGTGGAGAGGCGAG 3

RESULT 2880
US-09-071-845-1912/C
; Sequence 1912, Application US/09071845
; Patent No. 6132967
;
GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; OPERATING SYSTEM: IBM PC, DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
;
ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
```

```
TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1912:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-1912

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY      5021 TCTGGAGAGGCGAG 5035
Db      17 TGTGGAGAGGCGAG 3

RESULT 2881
US-09-158-765-28/C
; Sequence 28, Application US/09158765
; Patent No. 6242180
;
GENERAL INFORMATION:
; APPLICANT: Chee, Mark S.
; TITLE OF INVENTION: Computer-Aided Visualization and
; TITLE OF INVENTION: Analysis System for Sequence Evaluation
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ritter, Van Pelt & Yi LLP
; STREET: 4906 El Camino Real, Suite 205
; CITY: Los Altos
; STATE: California
; COUNTRY: USA
; ZIP: 94022
;
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/158,765
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/531,137
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ritter, Michael J.
; REGISTRATION NUMBER: 36,653
; REFERENCE/DOCKET NUMBER: APTP006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-903-3501
; TELEFAX: 650-903-3501
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
;
US-09-158-765-28

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY      5590 ATGTGATTGGTTT 5604
Db      15 ATGTGATTGGTTT 1

RESULT 2882
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MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2189:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2189

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 13.3%; Pred. No. 1.9e+03;  
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 4473 TTTTCTTTTCT 4487  
Db 1 UUUUUUUUUUACU 15

RESULT 2885  
US-08-584-040-2739  
Sequence 2739, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2739:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2739

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 46.7%; Pred. No. 1.9e+03;  
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3966 AATATTTCTTACTG 3980  
Db 3 AAUAAUUUUUAAUUG 17

RESULT 2886  
US-08-584-040-2807  
Sequence 2807, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2807:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

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; TOPOLOGY: linear
US-08-584-040-2807

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 4030 GAAACCAAAATGTTA 4044
Db 2 GAAACCAAAATGTTA 16

RESULT 2887
US-08-584-040-5682/c
; Sequence 5682, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Payco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5682:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5682

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5441 GGGCAATGACAGAA 5455
Db 16 GGACATGACAGAA 2

RESULT 2888
US-09-474-432B-896/c
; Sequence 896, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 896
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-896

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6976 TAAACCAAAACAGA 6990
Db 15 TAAACCAAAACAGA 1

RESULT 2889
US-09-057-351-33/c
; Sequence 33, Application US/09057351
; Patent No. 6548298
; GENERAL INFORMATION:
; APPLICANT: Villeneuve, Bryant
; APPLICANT: Peng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
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/ APPLICATION NUMBER: US 08/330,123
/ FILING DATE: 27-OCT-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/472,802
/ FILING DATE: 07-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-000821US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 33:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-09-057-351-33
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```
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 3168 TTAGTTGGGTTTG 3182
Db 17 TTGGTTGGGTTTG 3
```

```
RESULT 2890
US-09-371-772B-732
; Sequence 732, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Pam
; APPLICANT: Pavco, Pam
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 732
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-732
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 4473 TTTT TTTT TTTT GCT 4487
Db 3 UUUUUUUUUUGACU 17
```

```
RESULT 2891
US-09-371-772B-733
; Sequence 733, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
```

```
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ FILE REFERENCE: MHB00, 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 733
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-733
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```
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 4473 TTTT TTTT TTTT GCT 4487
Db 2 UUUUUUUUUUGACU 16
```

```
RESULT 2892
US-09-371-772B-734
; Sequence 734, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Pam
; APPLICANT: Pavco, Pam
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 734
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-734
```

```
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 4473 TTTT TTTT TTTT GCT 4487
Db 1 UUUUUUUUUUGACU 15
```

```
RESULT 2893
US-09-371-772B-1263
; Sequence 1263, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
```

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1263
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1263

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 46.7%; Pred. No. 1.9e+03;
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      3966 AATATTCTTAACCTG 3980
DB      3 AAUAUUUCUAAUUG 17

RESULT 2894
US-09-371-772B-1331
; Sequence 1331, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1331
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1331

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 1.9e+03;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      4030 GAAACAAATGTTA 4044
DB      2 GAAACUAAUUGUA 16

RESULT 2895
US-09-371-772B-2568/C
; Sequence 2568, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2568
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2568

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5441 GCGCATGACAAAGAA 5455
DB      16 GGCATGACAAAGAA 2

RESULT 2896
US-09-371-772B-4186
; Sequence 4186, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4186
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4186

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      68 GCGGGGCGCGCGCG 82
DB      2 GCGGGGCGCGCGCG 16

RESULT 2897
US-09-371-772B-5287
; Sequence 5287, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the  
FILE REFERENCE: MHB00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 5287  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5287

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 1.9e+03;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 6527 ATTAGTGGCCCATTA 6541  
DB 3 AUAAGCTGGCGCAUA 17

RESULT 2898  
US-09-371-772B-5594  
Sequence 5594, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Scinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the  
FILE REFERENCE: MHB00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 5594  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5594

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 1.9e+03;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 4030 GAAACCAATGTTA 4044  
DB 3 GAAACCAATGTTA 17

RESULT 2899  
US-09-796-071-28/C  
Sequence 28, Application US/09796071  
Patent No. 6607887  
GENERAL INFORMATION:  
APPLICANT: Chee, Mark S.  
TITLE OF INVENTION: Computer-Aided Visualization and Analysis System for Sequence Evaluation  
Patent No. 6607887  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Riteer, Van Pelt & Yi LLP  
STREET: 4906 El Camino Real, Suite 205  
CITY: Los Altos  
STATE: California  
COUNTRY: USA  
ZIP: 94022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/796,071  
FILING DATE: 27-Feb-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/531,137  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Riteer, Michael J.  
REGISTRATION NUMBER: 36,653  
REFERENCE/DOCKET NUMBER: AFYP006  
TELEPHONE: 650-903-3501  
TELEFAX: 650-903-3501  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
SEQUENCE DESCRIPTION: SEQ ID NO: 28:  
US-09-796-071-28

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5590 ATGTGATTTGGTTT 5604  
DB 15 ATGTGATTTGGTTT 1

RESULT 2900  
US-09-476-387-895/C  
Sequence 895, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpelesky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo  
FILE REFERENCE: MHB00-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: Patentin version 3.0  
SEQ ID NO 895

```
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-895

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6976 TAAACAACAACAGA 6990
Db      15 TAAAACTAACAAGA 1

RESULT 2901
US-09-401-063-116
; Sequence 116, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-116

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 1.9e+03;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      398 ATAGGTCCCGCTA 412
Db      1 AGAAGUGUCCCGUA 15
```

```
RESULT 2902
US-09-401-063-617
; Sequence 617, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 617:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-617

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      5248 ATTACGACATTTG 5262
Db      3 AUCUACUGCAUUG 17

RESULT 2903
US-09-827-998-102
; Sequence 102, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
```

```
/ CURRENT FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 102
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-102

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1325 CAGACAGACGAGG 1339
DB      3 CAGACAGACTGGAGG 17

RESULT 2904
US-09-827-998-103
/ Sequence 103, Application US/09827998
/ Patent No. 6656700
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDHMRP-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ CURRENT FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 103
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-103

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1325 CAGACAGACGAGG 1339
DB      2 CAGACAGACTGGAGG 16

RESULT 2905
US-09-827-998-104
/ Sequence 104, Application US/09827998
/ Patent No. 6656700
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDHMRP-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ CURRENT FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 104
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-104
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/ Patent No. 6656700
/ SEQ ID NO 104
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-104

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1325 CAGACAGACGAGG 1339
DB      1 CAGACAGACTGGAGG 15

RESULT 2906
US-09-827-998-371
/ Sequence 371, Application US/09827998
/ Patent No. 6656700
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDHMRP-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ CURRENT FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 371
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-371

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2885 GGTAGCGAGGAGTGT 2899
DB      3 GGTAGCGAGGAGTGT 17

RESULT 2907
US-09-827-998-372
/ Sequence 372, Application US/09827998
/ Patent No. 6656700
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDHMRP-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ CURRENT FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 372
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-372
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2885 GGTAGCGAGAGTGT 2899
      |||||
Db      2 GGTAGCGAGAGTGT 16

RESULT 2308
US-09-827-998-373
; Sequence 373, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMRP-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 373
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-373

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2885 GGTAGCGAGAGTGT 2899
      |||||
Db      1 GGTAGCGAGAGTGT 15

RESULT 2909
US-09-866-108A-551
; Sequence 551, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
```

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1575
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 551
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-551

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2830 AAGCCCGAGAGCTG 2844
      |||||
Db      3 AAGCCCGAGAGCTG 17

RESULT 2910
US-09-866-108A-552
; Sequence 552, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1575
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 552
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-552

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2830 AACGCCAGAGCTG 2844  
Db 2 AACGCCAGAGCTG 16

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RESULT 2911
US-09-866-108A-2191/c
Sequence 2191, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2191
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2191

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 1; Indels 0; Gaps 0;
```

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FILE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2194
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2194

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 265 CACGAGGTTCAG 279  
Db 15 CACGAGGTTCAG 1

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RESULT 2913
US-09-866-108A-2667/c
Sequence 2667, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2667
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2667

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3879 CCGCCCGCCGAGT 3893
DB 17 CCGCCCGCCGAGT 3

RESULT 2914
US-09-866-108A-5949/c
/ Sequence 5949, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 5949
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-5949

Query Match
Best Local Similarity 93.3%; Pred. No. 1.9e+03; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2470 GGCATCAGGACCC 2484
DB 17 GGCATCCTGGGACCC 3

RESULT 2915
US-09-866-108A-5950/c
/ Sequence 5950, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 5950
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-5950

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2470 GGCATCAGGACCC 2484
DB 16 GGCATCCTGGGACCC 2

RESULT 2916
US-09-866-108A-6257
/ Sequence 6257, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
```

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; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6257
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6257

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2724 CCAGGCCCTGGCCAA 2738
DB      3 CCAGGCCCTGGCCAA 17

RESULT 2917
US-09-866-108A-6258
; Sequence 6258, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6259
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6259

Query Match          0.2%; Score 13.4; DB 1; Length 17;
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6258
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6258

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2724 CCAGGCCCTGGCCAA 2738
DB      2 CCAGGCCCTGGCCAA 16

RESULT 2918
US-09-866-108A-6259
; Sequence 6259, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6259
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6259

Query Match          0.2%; Score 13.4; DB 1; Length 17;
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Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2724 CCAGGCGCTGGCCAA 2728  
Db 1 CCAAGCGCCGGGCCAA 15

RESULT 2919  
US-09-866-108A-7070/c  
; Sequence 7070, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: AeoMica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7070  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7070

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3806 CTCGAGCTGCTGAG 3820  
Db 16 CTCGAGCTGCTGAG 2

RESULT 2920  
US-09-866-108A-7588  
; Sequence 7588, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: AeoMica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7588  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7588

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1031 TGAAGAGAGTACC 1045  
Db 3 TGAAGAGAGTACC 17

RESULT 2921  
US-09-866-108A-7589  
; Sequence 7589, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOmica-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7589  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7589

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1031 TGAAGAGAGTCC 1045  
DB 2 TGAAGAGAGTCC 16

RESULT 2922  
US-09-866-108A-7983/C  
Sequence 7983, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT FILING DATE: 2001-05-25  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7983  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7983

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 4951 TTTTTCCTGCTGCC 4965  
DB 15 TGTTCCTGCTGCC 1

RESULT 2923  
US-09-866-108A-8872/C  
Sequence 8872, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT FILING DATE: 2001-05-25  
PRIOR FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263,6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8872  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8872

Query Match 0.2%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3381 GCTCCTCCCGAGCT 3395  
DB 17 GCTCCTCCCGAGCT 3

RESULT 2924  
US-09-866-108A-8873/C  
Sequence 8873, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8873
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8873

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3381 GCTCTCCCCCAGCT 3395
DB      16 GCTCTCCCCCAGCT 2

RESULT 2925
; US-09-866-108A-8874/C
; Sequence 8874, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9377
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9377
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8874
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8874

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3381 GCTCTCCCCCAGCT 3395
DB      15 GCTCTCCCCCAGCT 1

RESULT 2926
; US-09-866-108A-9377
; Sequence 9377, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9377
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9377
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Query Match 0.24; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.34; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 295 GGCATTGGCACTGTG 309  
|||||  
DB 3 GGCATTGGCACTGAG 17

## RESULT 2927

US-09-866-108A-9378  
; Sequence 9378, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9378  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9378

Query Match 0.24; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.34; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 295 GGCATTGGCACTGTG 309  
|||||  
DB 2 GGCATTGGCACTGAG 16

## RESULT 2928

US-09-866-108A-9379  
; Sequence 9379, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9379  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9379

Query Match 0.24; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.34; Pred. No. 1.9e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 295 GGCATTGGCACTGTG 309  
|||||  
DB 1 GGCATTGGCACTGAG 15

## RESULT 2929

PCT-US91-01574-7  
; Sequence 7, Application PC/TUS9101574  
; GENERAL INFORMATION:  
; APPLICANT: White Ph.D, Thomas J.  
; APPLICANT: Dodge, Deborah B.  
; TITLE OF INVENTION: Method for Diagnosis of Lyme Disease  
; NUMBER OF SEQUENCES: 30  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cetus Corporation  
; STREET: 1400 Fifty-Third Street  
; CITY: Emeryville  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94608  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/01574  
; FILING DATE: 19910307  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 489,676

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; FILING DATE: 07-MAR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Kaster, Kevin R.
; REGISTRATION NUMBER: 32,704
; REFERENCE/DOCKET NUMBER: 2536.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 420-3444
; TELEFAX: (415) 658-5239
; TELEX: 4992659
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
PCT-US91-01574-7

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6286 GTCCTACACTGGCCT 6300
DB      2 GTCCTACATGGCCT 16

RESULT 2930
PCT-US91-03680-7
; Sequence 7, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matleuccl, Mark D.
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSS-LINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER

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; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "1,3-propanediol"
PCT-US91-03680-7

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTNTTTTNTTTT 4479
DB      1 TTTTNTTTTCTT 16

RESULT 2931
US-07-766-751-2/C
; Sequence 2, Application US/07766751
; Patent No. 5480895
; GENERAL INFORMATION:
; APPLICANT: FRIEDMAN, STEVEN M
; APPLICANT: CROW, MARY K
; APPLICANT: POSNETT, DAVID
; TITLE OF INVENTION: METHODS OF PRODUCING ANTIBODIES TO A
; TITLE OF INVENTION: RESTRICTED POPULATION OF T-LYMPHOCYTES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DARBY & DARBY
; STREET: 805 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: U.S.A.
; ZIP: 10022-7513
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/766,751
; FILING DATE: 19910927
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SCHAFER, ROBERT
; REGISTRATION NUMBER: 31,194
; REFERENCE/DOCKET NUMBER: 5983/07499
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)527-7700
; TELEFAX: (212)753-6237
; TELEX: 236687
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-07-766-751-2

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5866 GGCAGGTCAGGCTT 5880

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Db 16 GGCAGGCTCAGGTT 2

## RESULT 2932

US-08-170-095B-31

Sequence 31, Application US/08170095B

Patent No. 5563254

GENERAL INFORMATION:

APPLICANT: Hoffman, Stephen J.

TITLE OF INVENTION: Blood Substitutes

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSER: Somatogen, Inc.

STREET: 2545 Central Avenue

CITY: Boulder

STATE: Colorado

ZIP: 80301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage

COMPUTER: Apple Macintosh

OPERATING SYSTEM: System 7.0.1

SOFTWARE: Microsoft Word 5.0a

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/170,095B

FILING DATE: December 20, 1993

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: No. 5563254ak, Henry P.

REGISTRATION NUMBER: 33200

REFERENCE/DOCKET NUMBER: Hoffman 2A/CONT2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 303-541-3322

TELEFAX: 303-444-3013

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown to applicant

MOLECULE TYPE: Other nucleic acid

DESCRIPTION: primer

HYPOTHETICAL: no

US-08-170-095B-31

Query Match 0.2%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 2.1e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7463 TGGCTTCTATTCTA 7477

Db 1 TGGCTTCTATTCTA 15

## RESULT 2933

US-08-170-095B-34/C

Sequence 34, Application US/08170095B

Patent No. 5563254

GENERAL INFORMATION:

APPLICANT: Hoffman, Stephen J.

TITLE OF INVENTION: Blood Substitutes

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSER: Somatogen, Inc.

STREET: 2545 Central Avenue

CITY: Boulder

STATE: Colorado

ZIP: 80301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage

COMPUTER: Apple Macintosh

OPERATING SYSTEM: System 7.0.1

SOFTWARE: Microsoft Word 5.0a

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/170,095B

FILING DATE: December 20, 1993

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: No. 5563254ak, Henry P.

REGISTRATION NUMBER: 33200

REFERENCE/DOCKET NUMBER: Hoffman 2A/CONT2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 303-541-3322

TELEFAX: 303-444-3013

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown to applicant

MOLECULE TYPE: Other nucleic acid

DESCRIPTION: primer

HYPOTHETICAL: no

US-08-170-095B-34

Query Match 0.2%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 2.1e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7463 TGGCTTCTATTCTA 7477

Db 16 TGGCTTCTATTCTA 2

## RESULT 2934

US-08-216-276A-7

Sequence 7, Application US/08216276A

Patent No. 5595912

GENERAL INFORMATION:

APPLICANT: VAKHARIA, VIKRAM

TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES

TITLE OF INVENTION: ASSOCIATED WITH US INDV VARIANTS, VECTOR CARRYING DNA

TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID

TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:

ADDRESSER: OBLON, SPIVAK, MCCLELLAND, MAIER &amp; NEUSTADT,

ADDRESSER: P.C.

STREET: 1755 S. Jefferson Davis Highway, Suite 400

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/216,276A

FILING DATE: 23-MAR-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/083,784

FILING DATE: 28-JUN-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/519,202

FILING DATE: 04-MAY-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/227,311

FILING DATE: 02-AUG-1988

ATTORNEY/AGENT INFORMATION:

NAME: Kelber, Steven B.

REGISTRATION NUMBER: 30,073  
REFERENCE/DOCKET NUMBER: 2747-054-27 CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248955 OPAT UR  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: Infectious bursal disease virus  
US-08-216-276A-7

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4558 TGAAGCAAGATCCC 4572  
Db 4 TGAAGCAAGATCCC 18

RESULT 2935  
US-08-216-276A-10/c  
Sequence 10, Application US/08216276A  
Patent No. 5595912  
GENERAL INFORMATION:  
APPLICANT: VAGHARIA, VIKRAM  
APPLICANT: SNYDER, DAVID  
TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES  
TITLE OF INVENTION: ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA  
TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEUCED AMINO ACID  
TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,  
ADDRESS: P.C.  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/216,276A  
FILING DATE: 23-MAR-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/083,784  
FILING DATE: 28-JUN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/519,202  
FILING DATE: 04-MAY-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/227,311  
FILING DATE: 02-AUG-1988  
ATTORNEY/AGENT INFORMATION:  
NAME: Kelber, Steven B.  
REGISTRATION NUMBER: 30,073  
REFERENCE/DOCKET NUMBER: 2747-054-27 CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248955 OPAT UR  
INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: Infectious bursal disease virus  
US-08-216-276A-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4558 TGAAGCAAGATCCC 4572  
Db 15 TGAAGCAAGATCCC 1

RESULT 2936  
US-08-390-850-1122/c  
Sequence 1122, Application US/08390850  
Patent No. 5612215  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustofson, John  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/390,850  
FILING DATE: February 17, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5612215ember 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1122:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-1122

Query Match 0.2%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 2.1e+03; Indels 0; Gaps 0;  
Matches 14; Conservative 0; Mismatches 1;

OY 1472 GCGGAAACCGGCCA 1486  
DB 15 GCGGAAACCGGCCA 1

## RESULT 2937

US-08-396-866-31  
Sequence 31 Application US/08396866  
Patent No. 5661124  
GENERAL INFORMATION:  
APPLICANT: Hoffman, Stephen J.  
TITLE OF INVENTION: Blood Substitutes  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Somatogen, Inc.  
STREET: 5797 Central Avenue  
CITY: Boulder  
STATE: Colorado  
ZIP: 80301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: System 7.0.1  
SOFTWARE: Microsoft Word 5.0a  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/396,866  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/062,780  
FILING DATE: May 17, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5661124a, Henry P.  
REGISTRATION NUMBER: 33200  
REFERENCE/DOCKET NUMBER: Hoffman  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 303-541-3322  
TELEFAX: 303-444-3013  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown to applicant  
MOLECULE TYPE: Other nucleic acid  
DESCRIPTION: primer  
HYPOTHETICAL: no  
US-08-396-866-31  
Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 7463 TGGCTTCATTCTA 7477  
DB 1 TGGCTTCATTCTA 15

## RESULT 2938

US-08-396-866-34/C  
Sequence 34 Application US/08396866  
Patent No. 5661124  
GENERAL INFORMATION:  
APPLICANT: Hoffman, Stephen J.  
TITLE OF INVENTION: Blood Substitutes  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Somatogen, Inc.  
STREET: 5797 Central Avenue  
CITY: Boulder  
STATE: Colorado  
ZIP: 80301

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: System 7.0.1  
SOFTWARE: Microsoft Word 5.0a  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/396,866  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/062,780  
FILING DATE: May 17, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5661124a, Henry P.  
REGISTRATION NUMBER: 33200  
REFERENCE/DOCKET NUMBER: Hoffman  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 303-541-3322  
TELEFAX: 303-444-3013  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown to applicant  
MOLECULE TYPE: Other nucleic acid  
DESCRIPTION: primer  
HYPOTHETICAL: no  
US-08-396-866-34

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7463 TGGCTTCATTCTA 7477  
DB 16 TGGCTTCATTCTA 2

## RESULT 2939

US-08-363-240A-1112  
Sequence 1112 Application US/08363240A  
Patent No. 5705388  
GENERAL INFORMATION:  
APPLICANT: Couture, Larry  
APPLICANT: McSwigen, James  
APPLICANT: Bisgaler, Charles  
APPLICANT: Pape, Michael  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
PREVENTION, INHIBITION OF  
TITLE OF INVENTION: PROGRESSION AND REGRESSION  
TITLE OF INVENTION: OF VASCULAR DISEASES  
NUMBER OF SEQUENCES: 1243  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

```

1 CURRENT APPLICATION DATA:
2 APPLICATION NUMBER: US/08/363,240A
3 FILING DATE: December 23, 1994
4 PRIOR APPLICATION DATA:
5 APPLICATION NUMBER:
6 FILING DATE:
7 ATTORNEY/AGENT INFORMATION:
8 NAME: Warburg, Richard
9 REGISTRATION NUMBER: 32,327
10 REFERENCE/DOCKET NUMBER: 210/096
11 TELECOMMUNICATION INFORMATION:
12 TELEPHONE: (213) 489-1600
13 TELEFAX: (213) 955-0440
14 INFORMATION FOR SEQ ID NO: 1112:
15 SEQUENCE CHARACTERISTICS:
16 LENGTH: 18 base pairs
17 TYPE: nucleic acid
18 STRANDEDNESS: single
19 TOPOLOGY: linear
20 US-08-363-240A-1112
21
22 Query Match 0.2% Score 13.4; DB 1; Length 18;
23 Best Local Similarity 73.3%; Pred. No. 2.1e+03;
24 Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0
25
26 QY 1893 CCTGTGCTCAAGAT 1907
27 |||:|||||:
28 3 CCACGCGCCAAAGV 17
29
30 RESULT 2940
31 US-08-363-240A-1223/c
32 Sequence 1223, Application US/08363240A
33 Patent No. 5705388
34 GENERAL INFORMATION:
35 APPLICANT: Couture, Larry
36 APPLICANT: McSwigen, James
37 APPLICANT: Bisgaler, Charles
38 APPLICANT: Pape, Michael
39 TITLE OF INVENTION: METHOD AND REAGENT FOR
40 PREVENTION OF INHIBITION OF
41 TITLE OF INVENTION: PROGRESSION AND REGRESSION
42 TITLE OF INVENTION: OF VASCULAR DISEASES
43 NUMBER OF SEQUENCES: 1243
44 CORRESPONDENCE ADDRESS:
45 ADDRESSEE: Lyon & Lyon
46 STREET: 633 West Fifth Street
47 STREET: Suite 4700
48 CITY: Los Angeles
49 STATE: California
50 COUNTRY: U.S.A.
51 ZIP: 90071
52 COMPUTER READABLE FORM:
53 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
54 MEDIUM TYPE: storage
55 COMPUTER: IBM Compatible
56 OPERATING SYSTEM: IBM P.C. DOS 5.0
57 SOFTWARE: Word Perfect 5.1
58 CURRENT APPLICATION DATA:
59 APPLICATION NUMBER: US/08/363,240A
60 FILING DATE: December 23, 1994
61 PRIOR APPLICATION DATA:
62 APPLICATION NUMBER:
63 FILING DATE:
64 ATTORNEY/AGENT INFORMATION:
65 NAME: Warburg, Richard
66 REGISTRATION NUMBER: 32,327
67 REFERENCE/DOCKET NUMBER: 210/096
68 TELECOMMUNICATION INFORMATION:
69 TELEPHONE: (213) 489-1600
70 TELEFAX: (213) 955-0440
71 TELEX: 67-3510

```

```

? INFORMATION FOR SEQ ID NO: 1223:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 18 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
US-08-363-240A-1223

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 7410 CATCGAGCAGCAGCAG 7424
|||||
17 CATCGAGCAGCAGCAG 3

Db

RESULT 2941
US-08-435-634-1122/c
; Sequence 1122, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-634-1122

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Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1472 GCGGAAACCGGCGCA 1486  
DB 15 GCGGAAACCGGCGCA 1

RESULT 2942  
US-08-627-254C-21  
Sequence 21, Application US/08627254C  
Patent No. 5859229  
GENERAL INFORMATION:  
APPLICANT: Knies, Douglas A.  
TITLE OF INVENTION: Bicosanoid formation  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Calfee, Halter & Gritwold LLP  
STREET: 800 Superior Avenue  
CITY: Cleveland  
STATE: Ohio  
COUNTRY: USA  
ZIP: 44114  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/627,254C  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Golick, Mary E  
REGISTRATION NUMBER: 34,829  
REFERENCE/DOCKET NUMBER: 18525/00107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (216) 622-8200  
TELEFAX: (216) 241-0816  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA to mRNA  
ANTI-SENSE: YES  
US-08-627-254C-21  
Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 4215 TCCATCCTTCTCTG 4229  
DB 4 TCCATCCTTCTCTG 18  
RESULT 2943  
US-08-244-597-13  
Sequence 13, Application US/08244597  
Patent No. 5885793  
GENERAL INFORMATION:  
APPLICANT: Griffiths, Andrew David  
APPLICANT: Hoogenboom, Hendricus RUM  
APPLICANT: Marks, James David  
APPLICANT: McCafferty, John  
APPLICANT: Winter, Gregory Paul  
APPLICANT: G-199, Geoffrey Walter  
TITLE OF INVENTION: Production of anti-self antibodies from  
antibody segment repertoires and displayed on phage  
NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:  
ADDRESSEE: David W. Clough  
STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,597  
FILING DATE: 01-JUN-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9125579.4  
FILING DATE: 02-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9125582.8  
FILING DATE: 02-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9206372.6  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB92/01755  
FILING DATE: 23-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32094  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-244-597-13  
Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 145 GGGTACTTAGCCCC 159  
DB 3 GGGTACTTAGCCCC 17  
RESULT 2944  
US-09-212-771-28  
Sequence 28, Application US/09212771  
Patent No. 5958773  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION  
FILE REFERENCE: RTS-0034  
CURRENT APPLICATION NUMBER: US/09/212,771  
CURRENT FILING DATE: 1998-12-16  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 28  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:



/ MOLECULE TYPE: other nucleic acid  
/ DESCRIPTION: /desc = "PRIMER"  
US-08-945-654-16

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2041 ACAGCAGTGTGGAGC 2055  
DB 16 ACAGCAGGAGGTAGCC 2

## RESULT 2949

US-09-166-186-169/c  
Sequence 169, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 169  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-169

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1502 AGGCTGTCTGGAGCA 1516  
DB 18 AGGCTGTCTGGAGCA 4

## RESULT 2950

US-09-166-186-170/c  
Sequence 170, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 170  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-170

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1502 AGGCTGTCTGGAGCA 1516  
DB 17 AGGCTGTCTGGAGCA 3

RESULT 2951  
US-09-166-186-171/c  
Sequence 171, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 171  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-171

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1502 AGGCTGTCTGGAGCA 1516  
DB 16 AGGCTGTCTGGAGCA 2

## RESULT 2952

US-09-166-186-172/c  
Sequence 172, Application US/09166186A  
Patent No. 6080580  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION  
FILE REFERENCE: ISPH-0322  
CURRENT APPLICATION NUMBER: US/09/166,186A  
CURRENT FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 250  
SEQ ID NO 172  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-166-186-172

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1502 AGGCTGTCTGGAGCA 1516  
DB 15 AGGCTGTCTGGAGCA 1

RESULT 2953  
US-09-289-466-84/c  
Sequence 84, Application US/09289466A  
Patent No. 6124272  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monla  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
FILE REFERENCE: RTS-0060

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-84

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2959 CAGACCACGAGCCAG 2973
DB      18 CAGACCACCTGCCAG 4

RESULT 2954
US-09-054-830-18
; Sequence 18, Application US/09054830
; Patent No. 6127121
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
; TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
; TITLE OF INVENTION: MISMATCH DISCRIMINATION
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,830
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20005.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-054-830-18

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      121 GGGATCCCGAGCAGC 135
DB      4 GGGTCCCGAGCAGC 18
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RESULT 2955
US-09-487-444-36
; Sequence 36, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-013
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-36

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1170 GTATCCCATCTGCC 1184
DB      4 GTCTCCCATCTGCC 18

RESULT 2956
US-09-474-922A-57
; Sequence 57, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-57

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3789 TTTCAACATGACAA 3803
DB      4 TTTCAATACATGACAA 18

RESULT 2957
US-09-034-205-64/C
; Sequence 64, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance P.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
```



ADDRESSER: MEDLEN & CARROLL, LLP  
STREET: 220 Montgomery Street, Suite 2200  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/034,205  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Macknight, Kamrin T.  
REGISTRATION NUMBER: 39,230  
REFERENCE/DOCKET NUMBER: FORS-03268  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410  
TELEFAX: (415) 397-8338  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
US-09-034-205-64

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6948 TCCAAGAAAGGAGG 6962  
DB 18 TCCAAGAAAGGAGG 4

RESULT 2958  
US-09-050-159-1/c  
Sequence 1, Application US/09050159A  
Patent No. 6197505  
GENERAL INFORMATION:  
APPLICANT: NO. 6197505berg, Lelf T  
APPLICANT: Anderson, Maria K  
TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND  
FILE REFERENCE: 1248/1D042  
CURRENT APPLICATION NUMBER: US/09/050,159A  
CURRENT FILING DATE: 1998-03-27  
EARLIER APPLICATION NUMBER: 60/042,930  
EARLIER FILING DATE: 1987-04-03  
NUMBER OF SEQ ID NOS: 133  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 1  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER  
US-09-050-159-1

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7394 CTTGAGCAAGCA 7408  
DB 15 CTTGAGCAAGCA 1

RESULT 2959  
US-09-269-345-1/c  
Sequence 1, Application US/09269345  
Patent No. 6197545  
GENERAL INFORMATION:  
APPLICANT: VANDERBILT UNIVERSITY  
APPLICANT: 305 Kirkland Hall  
APPLICANT: Nashville, TN 37240  
TITLE OF INVENTION: GENETICALLY ENGINEERED YEAST WITH  
TITLE OF INVENTION: MODIFIED SIGNAL PEPTIDASE COMPLEX  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSER: NEEDLE & ROSENBERG, P.C.  
STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/269,345  
FILING DATE: 25 SEPT 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: MILLER, MARY L.  
REGISTRATION NUMBER: 39,303  
REFERENCE/DOCKET NUMBER: 22000.0066/P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-269-345-1

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 841 AAGATGATGCTCAAC 855  
DB 15 AAGATGATGATCAAC 1

RESULT 2960  
US-09-313-932-169/c  
Sequence 169, Application US/09313932A  
Patent No. 6228642  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Medeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
TITLE OF INVENTION: EXPRESSION  
FILE REFERENCE: 18PH-0356  
CURRENT APPLICATION NUMBER: US/09/313,932A  
CURRENT FILING DATE: 1999-05-18  
NUMBER OF SEQ ID NOS: 501  
SEQ ID NO 169  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-313-932-169

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGGTGTCTGGGACA 1516  
Db 18 AGGGTGTCTGGGACA 4

RESULT 2961  
US-09-313-932-170/C  
Sequence 170, Application US/09313932A  
Patent No. 6228642  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
FILE REFERENCE: ISPH-0356  
CURRENT APPLICATION NUMBER: US/09/313,932A  
CURRENT FILING DATE: 1999-05-18  
NUMBER OF SEQ ID NOS: 501  
SEQ ID NO 170  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-313-932-170

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGGTGTCTGGGACA 1516  
Db 17 AGGGTGTCTGGGACA 3

RESULT 2962  
US-09-313-932-171/C  
Sequence 171, Application US/09313932A  
Patent No. 6228642  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
FILE REFERENCE: ISPH-0356  
CURRENT APPLICATION NUMBER: US/09/313,932A  
CURRENT FILING DATE: 1999-05-18  
NUMBER OF SEQ ID NOS: 501  
SEQ ID NO 171  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-313-932-171

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGGTGTCTGGGACA 1516

Db 16 AGGGTGTCTGGGACA 2

RESULT 2963  
US-09-313-932-172/C  
Sequence 172, Application US/09313932A  
Patent No. 6228642  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
FILE REFERENCE: ISPH-0356  
CURRENT APPLICATION NUMBER: US/09/313,932A  
CURRENT FILING DATE: 1999-05-18  
NUMBER OF SEQ ID NOS: 501  
SEQ ID NO 172  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-313-932-172

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGGTGTCTGGGACA 1516  
Db 15 AGGGTGTCTGGGACA 1

RESULT 2964  
US-09-677-218B-64/C  
Sequence 64, Application US/09677218B  
Patent No. 6355437  
GENERAL INFORMATION:  
APPLICANT: Lyamichev, Victor I.  
Brow, Mary Ann D.  
Fors, Lance P.  
Neri, Bruce P.  
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING  
STRUCTURE-BRIDGING OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 68  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: MEDDEN & CARROLL, LLP  
STREET: 220 Montgomery Street, Suite 2200  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/677,218B  
FILING DATE: 02-Oct-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/034,205  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: MacKnight, Kamrin T.  
REGISTRATION NUMBER: 38,230  
REFERENCE/DOCKET NUMBER: FORS-03268  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410

TELEFAX: (415) 397-8338  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
SEQUENCE DESCRIPTION: SEQ ID NO: 64:  
US-09-677-218B-64

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6948 TCCAGAGAGGAGG 6962  
Db 18 TCCAGAGAGGAGG 4

RESULT 2965  
US-09-677-192-64/c  
Sequence 64, Application US/09677192  
Patent No. 6358691  
GENERAL INFORMATION:  
APPLICANT: Lymichev, Victor I.  
APPLICANT: Brow, Mary Ann D.  
APPLICANT: Rots, Lance P.  
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING  
FILE REFERENCE: FORS-04708  
CURRENT APPLICATION NUMBER: US/09/677,192  
PRIOR FILING DATE: 2000-10-02  
PRIOR APPLICATION NUMBER: 09/034,205  
PRIOR FILING DATE: 1998-03-03  
NUMBER OF SEQ ID NOS: 68  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 64  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURES:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-677-192-64

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6948 TCCAGAGAGGAGG 6962  
Db 18 TCCAGAGAGGAGG 4

RESULT 2966  
US-09-431-385-18  
Sequence 18, Application US/09431385  
Patent No. 6485906  
GENERAL INFORMATION:  
APPLICANT: Meyer, Rich  
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING  
TITLE OF INVENTION: PRAZOLO(3,4-D)PYRIMIDINES FOR HYBRIDIZATION AND  
TITLE OF INVENTION: MISMATCH DISCRIMINATION  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESSES:  
ADDRESS: MORRISON & FOERSTER  
STREET: 755 PAGE MILL ROAD  
CITY: PALO ALTO  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/431,385  
FILING DATE: 1999-NOV-01  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/054,830  
FILING DATE: 1998-APR-03  
ATTORNEY/AGENT INFORMATION:  
NAME: Brennan, Sean M  
REGISTRATION NUMBER: 39,917  
REFERENCE/DOCKET NUMBER: 34469-20005.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-813-5600  
TELEFAX: 650-494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-431-385-18

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 121 GGGATCCGAGCAGC 135  
Db 4 GGGTCCGAGCAGC 18

RESULT 2967  
US-09-319-588C-51  
Sequence 51, Application US/09319588C  
Patent No. 6509018  
GENERAL INFORMATION:  
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSEERM  
APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS  
APPLICANT: INSTITUT PASTEUR  
APPLICANT: MAUCLEER, Philippe  
APPLICANT: LOUSSERT-AJAKA, Ibdissem  
APPLICANT: SIMON, Francois  
APPLICANT: SARAGOSTI, Senech  
APPLICANT: BARRE-SIMOUSSI, Françoise  
TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.  
FILE REFERENCE: 5980512  
CURRENT APPLICATION NUMBER: US/09/319,588C  
PRIOR FILING DATE: 1999-08-27  
PRIOR APPLICATION NUMBER: FR96/15087  
PRIOR FILING DATE: 1996-12-09  
NUMBER OF SEQ ID NOS: 98  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 51  
LENGTH: 18  
TYPE: DNA  
ORGANISM: artificial sequence  
FEATURES:  
OTHER INFORMATION: primer  
US-09-319-588C-51

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1108 GGACAGCTGTGAG 1122  
Db 3 GGACAGCTGTGAG 17

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RESULT 2968
US-09-319-588C-80
; Sequence 80, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCIERE, Philippe
; APPLICANT: LOUSSERT-AJAKA, Idrissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARACOSTI, Sencob
; APPLICANT: BARRE-SINOUSSI, Francoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 80 (corresponds to SK 68.2 env of Figure 1)
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-80

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1108 GGACAGCTGTGGAG 1122
DB      3 GGACAGCTGTGGAG 17

RESULT 2969
US-09-216-393B-314
; Sequence 314, Application US/09216393B
; Patent No. 6514694
; GENERAL INFORMATION:
; APPLICANT: Milhausen, Michael James
; TITLE OF INVENTION: TOXOPLASMA GONDI PROTEINS, NUCLEIC ACID MOLECULES, AND USES THEREOF
; FILE REFERENCE: TX-1-C2
; CURRENT APPLICATION NUMBER: US/09/216,393B
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 08/994,825
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 366
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 314
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-216-393B-314

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1111 CAGACTGTGAGTGC 1125
DB      4 CCGACTGTGAGTGC 18

RESULT 2970
US-09-197-224-13
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```
; Sequence 13, Application US/09197224
; Patent No. 6521404
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew David
; APPLICANT: Hoogenboom, Hendricus RUM
; APPLICANT: Marks, James David
; APPLICANT: McCafferty, John
; APPLICANT: Winter, Gregory Paul
; APPLICANT: GRIFFITH, Geoffrey Walter
; TITLE OF INVENTION: Production of anti-self antibodies from
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David W. Clough
; STREET: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/197,224
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/244,597
; FILING DATE: 01-JUN-1994
; APPLICATION NUMBER: GB 9125579.4
; FILING DATE: 02-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9125582.8
; FILING DATE: 02-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9206318.9
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9206372.6
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/01755
; FILING DATE: 23-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 28111/32094
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-474-6300
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-197-224-13

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      145 GGGTACTGAGCCCC 159
DB      3 GGGTACTTGGCCCC 17

RESULT 2971
US-09-422-978-6008
; Sequence 6008, Application US/09422978
; Patent No. 6537751
```

```

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6008
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-6367 for SEQ 2074,
US-09-422-978-6008

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 741 CCGCTCCTTCTTC 755
DB 4 CCACTCCTTCTTC 18

RESULT 2972
US-09-422-978-7515/C
; Sequence 7515, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7515
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-6574 for SEQ 3581,
US-09-422-978-7515

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5732 GCTTCCTTCCCTT 5746
DB 16 GCTTCCTTCCCTT 2

RESULT 2973

```

```

US-09-422-978-7519/C
; Sequence 7519, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7519
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-6603 for SEQ 3585,
US-09-422-978-7519

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4302 CTTTTCCTTCCCT 4316
DB 18 CTTTTCCTTCCCT 4

RESULT 2974
US-09-422-978-8959
; Sequence 8959, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8959
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-20423 for SEQ 1094, in comple
US-09-422-978-8959

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 589 TTTAGGCTGCATC 603
DB 1 TTTAGGCTGCATC 15

```

```
RESULT 2975
US-09-422-978-9179/C
; Sequence 9179, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9179
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-2275 for SEQ 1314, in compleme
US-09-422-978-9179
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```
Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6073 TCGGTTCTTTTCT 6087
Db      15 TCGGTTCTTCTCT 1
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```
RESULT 2976
US-09-422-978-11146/C
; Sequence 11146, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11146
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-2956 for SEQ 3281, in compleme
US-09-422-978-11146
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6181 AAGAGTGATGAGG 6195
Db      15 AAGAGTGATGATGAG 1
```

```
RESULT 2977
US-09-230-652-67
; Sequence 67, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Jourel, Anne
; APPLICANT: Bousset, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-67
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2872 AGGAGGAGGTCGGG 2886
Db      2 AGGAGGAGGAGGAGGG 16
```

```
RESULT 2978
US-09-197-221-13
; Sequence 13, Application US/09197221
; Patent No. 6544731
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew David
; APPLICANT: Hoogenboom, Hendricus RUM
; APPLICANT: Marks, James David
; APPLICANT: McCafferty, John
; APPLICANT: Winter, Gregory Paul
; APPLICANT: Grigis, Geoffrey Walter
; TITLE OF INVENTION: Production of anti-self antibodies from
; TITLE OF INVENTION: antibody segment repertoires and displayed on phage
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David W. Clough
; STREET: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/197,221
```

```

: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/244,597
: FILING DATE: 01-JUN-1994
: APPLICATION NUMBER: GB 9125579.4
: FILING DATE: 02-DEC-1991
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: GB 9125582.8
: FILING DATE: 02-DEC-1991
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: GB 9206318.9
: FILING DATE: 24-MAR-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: GB 9206372.6
: FILING DATE: 24-MAR-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/GB92/01755
: FILING DATE: 23-SEP-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Clough, David W
: REGISTRATION NUMBER: 36,107
: REFERENCE/DOCKET NUMBER: 28111/32094
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 312-474-6300
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
US-09-197-221-13

```

```

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 145 GGCTACTTAGCCCC 159
Db 3 GGCTACTTAGCCCC 17

```

```

RESULT 2979
US-09-572-392A-13
: Sequence 13, Application US/09572392A
: Patent No. 6555313
: GENERAL INFORMATION:
: APPLICANT: Griffiths, Andrew
: APPLICANT: Hoogenboom, Hendricus
: APPLICANT: Marks, James
: APPLICANT: McCafferty, John
: APPLICANT: Winter, Gregory
: APPLICANT: Grigg, Geoffrey
: TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Reperto
: TITLE OF INVENTION: and displayed on Phage
: FILE REFERENCE: 28111/32094A
: CURRENT APPLICATION NUMBER: US/09/572,392A
: CURRENT FILING DATE: 2000-05-16
: PRIOR APPLICATION NUMBER: US 09/197,224
: PRIOR FILING DATE: 1998-11-20
: PRIOR APPLICATION NUMBER: PCT/GB92/02240
: PRIOR FILING DATE: 1992-12-02
: NUMBER OF SEQ ID NOS: 21
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO: 13
: LENGTH: 18
: TYPE: DNA
: ORGANISM: oligonucleotide CDRFOR
US-09-572-392A-13

```

```

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 145 GGCTACTTAGCCCC 159
Db 3 GGCTACTTAGCCCC 17

```

```

RESULT 2980
US-09-723-756-13
: Sequence 13, Application US/09723756
: Patent No. 6582915
: GENERAL INFORMATION:
: APPLICANT: Griffiths, Andrew David
: APPLICANT: Hoogenboom, Hendricus RUM
: APPLICANT: Marks, James David
: APPLICANT: McCafferty, John
: APPLICANT: Winter, Gregory Paul
: APPLICANT: Grigg, Geoffrey Walter
: TITLE OF INVENTION: Production of anti-self antibodies from
: TITLE OF INVENTION: antibody segment repertoires and displayed on phage
: NUMBER OF SEQUENCES: 21
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: David W. Clough
: STREET: Marshall, O'Toole, Gerstein, Murray & Borun
: CITY: Chicago
: STATE: Illinois
: COUNTRY: USA
: ZIP: 60606-6402
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: PatentIn Release #1.0, Version #1.25 (ERO)
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/723,756
: FILING DATE: 28-No. 6582915-2000
: CLASSIFICATION: <Unknown>
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: GB 9125579.4
: FILING DATE: 02-DEC-1991
: APPLICATION NUMBER: GB 9125582.8
: FILING DATE: 02-DEC-1991
: APPLICATION NUMBER: GB 9206318.9
: FILING DATE: 24-MAR-1992
: APPLICATION NUMBER: GB 9206372.6
: FILING DATE: 24-MAR-1992
: APPLICATION NUMBER: PCT/GB92/01755
: FILING DATE: 23-SEP-1992
: APPLICATION NUMBER: PCT/GB92/02240
: FILING DATE: 02-DEC-1992
: APPLICATION NUMBER: US 08/244,597
: FILING DATE: 26-OCT-1994
: APPLICATION NUMBER: US 09/197,224
: FILING DATE: 20-NOV-1998
: ATTORNEY/AGENT INFORMATION:
: NAME: Clough, David W
: REGISTRATION NUMBER: 36,107
: REFERENCE/DOCKET NUMBER: 28111/32094E
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 312-474-6300
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-723-756-13

```

```

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 145 GGGTACCTAGGCCCC 159  
|||||  
Db 3 GGGTACCTTGGCCCC 17

RESULT 2981  
US-09-532-840-13  
; Sequence 13, Application US/09532840  
; Patent No. 6593081  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, Andrew  
; APPLICANT: Hoogenboom, Hendricus  
; APPLICANT: Marks, James  
; APPLICANT: McCalfeely, John  
; APPLICANT: Winter, Gregory  
; APPLICANT: Griffr, Geoffrey  
; TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Repeat  
; TITLE OF INVENTION: Displayed on Phage  
; FILE REFERENCE: 2811/32094D  
; CURRENT APPLICATION NUMBER: US/09/532,840  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: US 08/244,597  
; PRIOR FILING DATE: 1994-06-01  
; PRIOR APPLICATION NUMBER: GB 9125582.8  
; PRIOR FILING DATE: 1991-12-02  
; PRIOR APPLICATION NUMBER: GB 9206318.9  
; PRIOR FILING DATE: 1992-03-24  
; PRIOR APPLICATION NUMBER: GB 9206372.6  
; PRIOR FILING DATE: 1992-03-24  
; PRIOR APPLICATION NUMBER: GB 9125579.4  
; PRIOR FILING DATE: 1991-12-02  
; PRIOR APPLICATION NUMBER: PCT/GB92/01755  
; PRIOR FILING DATE: 1992-09-23  
; NUMBER OF SEQ ID NOS: 21  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 13  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: oligonucleotide CDRFOR  
US-09-532-840-13

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 145 GGGTACCTAGGCCCC 159  
|||||  
Db 3 GGGTACCTTGGCCCC 17

RESULT 2982  
US-09-710-693-13  
; Sequence 13, Application US/09710693  
; Patent No. 6642370  
; GENERAL INFORMATION:  
; APPLICANT: WISE, CAROL A  
; TITLE OF INVENTION: GENETIC MARKER FOR AUTOIMMUNE DISORDER  
; FILE REFERENCE: SEQ FOR TEX871  
; CURRENT APPLICATION NUMBER: US/09/710,693  
; CURRENT FILING DATE: 2000-11-08  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 13  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-710-693-13

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2958 ACAGACCAACGACCA 2972

Db 3 ACAGTCACCAACGACCA 17  
|||||

RESULT 2983  
PCT-US91-03056-7  
; Sequence 7, Application PC/TUS9103056  
; GENERAL INFORMATION:  
; APPLICANT: Vakharia, Vikram  
; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES  
; TITLE OF INVENTION: ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA  
; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLOVED VECTOR, DEDUCED AMINO ACID  
; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Viviana Amzel, Ph.D.  
; STREET: 112 East Pecan, 2000 NBC Bank Plaza  
; CITY: San Antonio  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 78205  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/03056  
; FILING DATE: 19910718  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/514,202  
; FILING DATE: 14-MAY-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Amzel Ph.D., Viviana  
; REGISTRATION NUMBER: 30,930  
; REFERENCE/DOCKET NUMBER: U-0125.02  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 512/554-5325  
; TELEFAX: 512/226-8395  
; TELEX: 762609  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
PCT-US91-03056-7

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4558 TGAAGCAAGCATCCC 4572  
|||||  
Db 4 TGAAGCAAGATCCC 18

RESULT 2984  
PCT-US91-03056-10/C  
; Sequence 10, Application PC/TUS9103056  
; GENERAL INFORMATION:  
; APPLICANT: Vakharia, Vikram  
; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES  
; TITLE OF INVENTION: ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA  
; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLOVED VECTOR, DEDUCED AMINO ACID  
; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Viviana Amzel, Ph.D.  
; STREET: 112 East Pecan, 2000 NBC Bank Plaza  
; CITY: San Antonio  
; STATE: Texas



COUNTRY: USA  
ZIP: 78205  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/03056  
FILING DATE: 19910718  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/514,202  
FILING DATE: 14-MAY-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Amzel Ph.D., Viviana  
REGISTRATION NUMBER: 30,930  
REFERENCE/DOCKET NUMBER: U-0125.02  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/226-8395  
TELEFAX: 512/226-8395  
TELEX: 762609  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: both  
TOPOLOGY: linear  
PCT-US91-03056-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 2.1e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4558 TGAAGCAAGATCCC 4572  
DB 15 TGAAGCAAGATCCC 1

RESULT 2985  
US-08-127-954-47/C  
Sequence 47, Application US/08127954  
Patent No. 5451512  
GENERAL INFORMATION:  
APPLICANT: Apple, Raymond J.  
APPLICANT: Bugawan, Teodorica L.  
APPLICANT: Erlich, Henry A.  
TITLE OF INVENTION: Methods and Reagents for HLA Class I A  
NUMBER OF SEQUENCES: 173  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110-1199  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/127,954  
FILING DATE:  
CLASSIFICATION: 436  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8873  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 47:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-127-954-47

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 2.3e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5038 CACTGGAGAGCCTAC 5052  
DB 16 CAGTGGAGAGCCTAC 2

RESULT 2986  
US-08-255-892-66  
Sequence 66, Application US/08255892  
Patent No. 5695926  
GENERAL INFORMATION:  
APPLICANT: CROS, PHILIPPE  
APPLICANT: ALLIBERT, PATRICE  
APPLICANT: MALLET, FRANCOIS  
APPLICANT: MABLIAT, CLAUDE  
APPLICANT: MANDRAND, BERNARD  
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE  
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION  
NUMBER OF SEQUENCES: 113  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN  
STREET: 1100 NEW YORK AVENUE, N.W.  
CITY: WASHINGTON  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255,892  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/834,543  
FILING DATE: 11-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DEAYER, DONALD B.  
REGISTRATION NUMBER: 23,048  
REFERENCE/DOCKET NUMBER: 1032/94109  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 66:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-255-892-66

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 2.3e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1528 CAGTTCAATGCG 1542

Db 5 CAGTCTGCAATGGG 19

RESULT 2987

US-08-257-073-106/C  
; Sequence 106, Application US/08257073  
; Patent No. 5766597  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; APPLICANT: de Taisne, Charles  
; APPLICANT: Tine, John A.  
; TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE  
; NUMBER OF SEQUENCES: 143  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford, P.C.  
; STREET: 530 Fifth Avenue, 25th Floor  
; CITY: New York  
; STATE: New York  
; COUNTRY: UNITED STATES OF AMERICA  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/257,073  
; FILING DATE: 09-JUN-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/075,783  
; FILING DATE: 11-JUN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/852,305  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/672,183  
; FILING DATE: 20-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frommer, William S.  
; REGISTRATION NUMBER: 25,506  
; REFERENCE/DOCKET NUMBER: 454310-2570  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 840-3333  
; TELEFAX: (212) 840-0712  
; TELEX: 425066 CURTMS  
; INFORMATION FOR SEQ ID NO: 106:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-257-073-106

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 2.3e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 414 AGTCAACCGGAAGT 428

Db 15 AGTCAACCGGAAGT 1

RESULT 2988  
US-08-184-009-124/C  
; Sequence 124, Application US/08184009  
; Patent No. 5833975  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; APPLICANT: Tartaglia, James  
; APPLICANT: Cox, William I.  
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY

NUMBER OF SEQUENCES: 217

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford  
; STREET: 530 Fifth Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/184,009  
; FILING DATE: 19-JAN-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frommer, William S.  
; REGISTRATION NUMBER: 25,506  
; REFERENCE/DOCKET NUMBER: 454310-2530  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 840-3333  
; TELEFAX: (212) 840-0712  
; TELEX: 425066 CURTMS  
; INFORMATION FOR SEQ ID NO: 124:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; US-08-184-009-124

Query Match 0.2%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 2.3e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 414 AGTCAACCGGAAGT 428

Db 15 AGTCAACCGGAAGT 1

RESULT 2989  
US-08-389-360-7  
; Sequence 7, Application US/08389360  
; Patent No. 5877017  
; GENERAL INFORMATION:  
; APPLICANT: van der Bruggen et al.  
; TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES  
; TITLE OF INVENTION: WITH MHC MOLECULE HLA-Cw\*1601 AND USES  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Felfe & Lynch  
; STREET: 805 Third Avenue  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10022  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/389,360  
; FILING DATE: Herewith  
; CLASSIFICATION: 436  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/196,630  
; FILING DATE: February 15, 1994  
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/079,110  
FILING DATE: June 17, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Pasqualini, Patricia A.  
REGISTRATION NUMBER: 34,894  
REFERENCE/DOCKET NUMBER: LUD 5310.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-389-360-7

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 2.3e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4392 CCTATTGCTCTGTT 4406  
|||||  
Db 4 CCTATTGCTCTGTT 18

RESULT 2990  
US-08-458-356-124/C  
Sequence 124, Application US/08458356  
Patent No. 5942235  
GENERAL INFORMATION:  
APPLICANT: Paolletti, Enzo  
APPLICANT: Tartaglia, James  
APPLICANT: Cox, William I.  
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY  
NUMBER OF SEQUENCES: 217  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Curtis, Morris & Safford  
STREET: 530 Fifth Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,356  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/184,009  
FILING DATE: 19-JAN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2530  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
TELEX: 425066CURTWS  
INFORMATION FOR SEQ ID NO: 124:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-458-356-124

Query Match 0.2%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 2.3e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
OY 414 AGTCAACCGGAGT 428  
|||||  
Db 15 AGTCAACCGGAGT 1

RESULT 2991  
US-09-038-328-7  
Sequence 7, Application US/09038328  
Patent No. 6110694  
GENERAL INFORMATION:  
APPLICANT: van der Bruggen et al.  
TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES  
TITLE OF INVENTION: WITH MHC MOLECULE HLA-Cw\*1601 AND USES  
TITLE OF INVENTION: THEREOF  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Felle & Lynch  
STREET: 805 Third Avenue  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44 MB storage diskette  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,328  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/389,360  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/079,110  
FILING DATE: June 17, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Pasqualini, Patricia A.  
REGISTRATION NUMBER: 34,894  
REFERENCE/DOCKET NUMBER: LUD 5310.2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-328-7

Query Match 0.2%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 2.3e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4392 CCTATTGCTCTGTT 4406  
|||||  
Db 4 CCTATTGCTCTGTT 18

RESULT 2992  
US-09-092-077-15  
Sequence 15, Application US/09092077  
Patent No. 6194142  
GENERAL INFORMATION:  
APPLICANT: Moncany, Maurice  
APPLICANT: Montanier, Luc  
TITLE OF INVENTION: Nucleotide Sequences Derived From The  
TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,

```

; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pinnegan, Henderson, Farabow, Garrett &
; ADDRESSER: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/06/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; PRIOR APPLICATION DATA: FR 8907354
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)408-4000
; TELEFAX: (202)408-4400
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-09-092-077-15

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5532 CTGTTGAAAGGTGG 5546
DB      5      CTGTTGAAAGGTGG 19

RESULT 2993
US-09-183-931-16
; Sequence 16, Application US/09183931C
; Patent No. 6210886
; GENERAL INFORMATION:
; APPLICANT: Van Baren, Nicolas
; APPLICANT: Brasseur, Francis
; APPLICANT: Boon-Failleur, Thierry
; TITLE OF INVENTION: METHOD FOR DIAGNOSING LEUKEMIA BY DETERMINING
; TITLE OF INVENTION: TUMOR REJECTION ANTIGEN PRECURSORS
; FILE REFERENCE: LUD 5527.1-JEL/ES
; CURRENT APPLICATION NUMBER: US/09/183,931C
; EARLIER FILING DATE: 2000-02-28
; EARLIER APPLICATION NUMBER: US 09/018,422
; EARLIER FILING DATE: 1998 - 02 - 04
; NUMBER OF SEQ ID NOS: 44
```

```

; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: PCR primer
; OTHER INFORMATION: Synthesized by oligonucleotide synthesis machine
; US-09-183-931-16

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4392 CCTATTGCTCTGTT 4406
DB      4      CCTATTGCTCTGTT 18

RESULT 2994
US-08-460-736-124/c
; Sequence 124, Application US/08460736
; Patent No. 6265189
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,736
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/184,009
; FILING DATE: 19-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Prommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-460-736-124

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      414 AGTCAACCGGAAGT 428
DB      15      AGTCAACCGGAAGT 1
```

```
RESULT 2995
US-09-338-907-464/c
; Sequence 464, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bouguerelet, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP/CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; EARLIER FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 464
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURES:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-86-206.misl
US-09-338-907-464

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      7323 TGTGTCTGCTTGA 7337
Db      15 TGTGTCTGATTGA 1
```

```
RESULT 2996
US-09-218-207-464/c
; Sequence 464, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bouguerelet, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP/CP
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 464
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURES:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-86-206.misl
US-09-218-207-464
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      7323 TGTGTCTGCTTGA 7337
Db      15 TGTGTCTGATTGA 1
```

```
RESULT 2997
US-09-705-160-16
; Sequence 16, Application US/09705160
; Patent No. 6387630
; GENERAL INFORMATION:
; APPLICANT: Van Baren, Nicolas
; APPLICANT: Brasseur, Francis
; APPLICANT: Boon-Falheur, Thierry
; TITLE OF INVENTION: METHOD FOR DIAGNOSING LEUKEMIA BY DETERMINING
; FILE REFERENCE: TUMOR REJECTION ANTIGEN PRECURSORS
; FILE REFERENCE: LUD 5527.3-JBL/MAS
; CURRENT APPLICATION NUMBER: US/09/705,160
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 09/183,931
; PRIOR FILING DATE: 1998 - 10 - 30
; NUMBER OF SEQ ID NOS: 44
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURES: PCR primer
; OTHER INFORMATION: Synthesized by oligonucleotide synthesis machine
US-09-705-160-16
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      4392 CCTATTGCTTCTGT 4406
Db      4 CCTATTGCTCTCTT 18
```

```
RESULT 2998
US-09-345-882-106/c
; Sequence 106, Application US/09345882
; Patent No. 6399373
; GENERAL INFORMATION:
; APPLICANT: Bouguerelet, Lydie
; TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
; FILE REFERENCE: GENSET.031A
; CURRENT APPLICATION NUMBER: US/09/345,882
; CURRENT FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: US 60/091,315
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/111,909
; PRIOR FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: Patent.pm
; SEQ ID NO 106
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: microsequencing oligo for 5-130-257.misl
US-09-345-882-106
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```
Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      4941 CCTCTTACTTTT 4955
Db      19 CCTCTTTCTTTT 5
```

```
RESULT 2999
US-09-662-402A-34
; Sequence 34, Application US/09662402A
; Patent No. 6420117
; GENERAL INFORMATION:
; APPLICANT: Neasler, Susan R
; APPLICANT: Casa, Alexandra M
; TITLE OF INVENTION: MINATURE INVERTED REPEAT TRANSPOSABLE ELEMENTS AND
; FILE REFERENCE: 235.00230101
; CURRENT APPLICATION NUMBER: US/09/662,402A
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/153,812
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-662-402A-34

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      422 GGAAGTGTGGAGT 436
Db      2 GGAAGTGTGGAGT 16

RESULT 3000
US-09-435-524-7
; Sequence 7, Application US/09435524
; Patent No. 6465184
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen et al.
; TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
; WITH MHC MOLECULE HLA-C*1601 AND USES
; THEREOF
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44 MB storage diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/435,524
; FILING DATE: 08-No. 6465184-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/038,328
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/079,110
; FILING DATE: June 17, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paquardini, Patricia A.
; REGISTRATION NUMBER: 34,894
; REFERENCE/DOCKET NUMBER: LUD 5310.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3864
```

```
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-435-524-7

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4392 CCTATGCTCTGTT 4406
Db      4 CCTATGCTCTGTT 18

RESULT 3001
US-09-535-370-124/C
; Sequence 124, Application US/09535370
; Patent No. 6537594
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TARTAGLIA, James
; COX, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/535,370
; FILING DATE: 24-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/460,736
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTWS
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 124:
US-09-535-370-124

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      414 AGTCAACCGGAGT 428
Db      15 AGTCAACCGGAGT 1
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```
RESULT 3002
US-09-422-978-4186
; Sequence 4186, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4186
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-13854 for SEQ 252,
US-09-422-978-4186

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5196 TTGGATGACATTTCG 5210
      2 TTGGACACATTTCG 16
      ||||| |||||
      ||||| |||||

RESULT 3003
US-09-422-978-4225/C
; Sequence 4225, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4225
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-1404 for SEQ 291,
US-09-422-978-4225

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4012 AAAATGAGAAAAAG 4026
```

```
Db      15 AAAAGAGAAAAAG 1
      *1
      ||||| |||||
      ||||| |||||

RESULT 3004
US-09-422-978-4463
; Sequence 4463, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4463
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-15129 for SEQ 529,
US-09-422-978-4463

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6967 GGAATGAGCTAAAA 6981
      2 GGAATGAGCTAAAA 16
      ||||| |||||
      ||||| |||||

RESULT 3005
US-09-422-978-4923
; Sequence 4923, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4923
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-18721 for SEQ 989,
US-09-422-978-4923

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5486 AGATGATTTTGTGAGA 5500

Db 3 AGATGACTTTGTGAGA 17

RESULT 3006

US-09-422-978-5928

; Sequence 5928, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; EARLIER FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5928

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..19

; OTHER INFORMATION: upstream amplification primer 99-7868 for SEQ 1994,

US-09-422-978-5928

Query Match 0.2%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 2.3e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1756 CTCATTATGTGTCATC 1770

Db 5 CTCATTATGTGTCCTC 19

RESULT 3007

US-09-422-978-6997

; Sequence 6997, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; EARLIER FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 6997

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..19

; OTHER INFORMATION: upstream amplification primer 99-21948 for SEQ 3063,

US-09-422-978-6997.

Query Match 0.2%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 2.3e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2423 ACATGACCCACCCAT 2437

Db 2 ACATGACCCACCCAT 16

RESULT 3008

US-09-422-978-8611

; Sequence 8611, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; EARLIER FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 8611

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind

; LOCATION: 1..19

; OTHER INFORMATION: downstream amplification primer 99-17001 for SEQ 746, in compleme

US-09-422-978-8611

Query Match 0.2%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 2.3e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1323 TCCAGACGACGAGA 1337

Db 2 TCCAGACGACGAGA 16

RESULT 3009

US-09-422-978-8930

; Sequence 8930, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/09/422,978

; EARLIER FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 8930

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer\_bind



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; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-2012 for SEQ 1065, in compleme
US-09-422-978-8930
Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1959 TGGCGTTTTCACCA 1973
Db      1 TGCAGTTTTCACCA 15

RESULT 3010
US-09-422-978-9853/c
; Sequence 9853, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9853
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURES:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-7792 for SEQ 1988, in compleme
US-09-422-978-9853

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      5698 TTTGCGTCTCTTT 5712
Db      17 TTTGCGTCTCTTT 3

RESULT 3011
US-09-422-978-10908
; Sequence 10908, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10908
; LENGTH: 19
; TYPE: DNA
```

```

; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-21827 for SEQ 3043, in compleme
US-09-422-978-10908
Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2823 GCTTTCAGCCCCA 2837
Db      2 GCTTTCAGCCCCA 16

RESULT 3012
US-09-382-497-7
; Sequence 7, Application US/09382497
; Patent No. 6638512
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen et al.
; TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
; TITLE OF INVENTION: WITH MHC MOLECULE HLA-Cw*1601 AND USES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felle & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44 MB storage diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/382,497
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/389,360
; FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/079,110
; FILING DATE: June 17, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Pasqualini, Patricia A.
; REGISTRATION NUMBER: 34,894
; REFERENCE/DOCKET NUMBER: LUD 5310.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3864
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-382-497-7

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4392 CCTATGCTCTCTGTT 4406
Db      4 CCTATGCTCTCTGTT 18

RESULT 3013
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US-09-747-391-164
; Sequence 164, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Tonal, Robert
; APPLICANT: Chow, Robert
; APPLICANT: Stenocyte, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 164
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-164

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4221 CTTCTCTGTGCAGA 4235
Db       5 CTTGCTCTGTGCAGA 19
          ||| ||||| ||||| |||
          ||| ||||| ||||| |||

RESULT 3014
PCT-US91-03680-2/c
; Sequence 2, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matleuccl, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CURRENT APPLICATION DATA:
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10
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```
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4N4-ethanocytosine deoxynucleotide"
PCT-US91-03680-2

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6174 AAGGAAAAAGAGTGA 6188
Db       19 AAGGAAAAAGAGAGA 5
          ||| ||||| ||||| |||
          ||| ||||| ||||| |||

RESULT 3015
PCT-US91-03680-9/c
; Sequence 9, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matleuccl, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CURRENT APPLICATION DATA:
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US91-03680-9

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5700 TTGCTTCCTTTTC 5714
Db       15 TTCTCTCTTTTC 1
          ||| ||||| ||||| |||
          ||| ||||| ||||| |||

RESULT 3016
US-08-487-141B-19/c
; Sequence 19, Application US/08487141B
; Patent No. 5683967
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
```

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,141B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/379,180  
FILING DATE: 12-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hagan, Patrick J.  
REGISTRATION NUMBER: 27,643  
REFERENCE/DOCKET NUMBER: 63082C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)563-4100  
TELEFAX: (215)563-4044  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-487-141B-19

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3217 GTGGGTGGAGAGAG 3231  
DB 15 GTGGGTGGAGAGAG 1

RESULT 3017  
US-08-927-561-19/c  
Sequence 19, Application US/08927561  
Patent No. 5874567  
GENERAL INFORMATION:  
APPLICANT: Smith, Larry J.  
TITLE OF INVENTION: Therapeutic Oligonucleotides  
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
NUMBER OF SEQUENCES: 114  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/927,561  
FILING DATE: 08-SEPT-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/487,141

FILING DATE: 05-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Rigauc, Kathleen D.  
REGISTRATION NUMBER: P43,047  
REFERENCE/DOCKET NUMBER: 63082C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)563-4100  
TELEFAX: (215)563-4044  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-927-561-19

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3217 GTGGGTGGAGAGAG 3231  
DB 15 GTGGGTGGAGAGAG 1

RESULT 3018  
PCT-US96-09388-19/c  
Sequence 19, Application PC/TUS9609388  
GENERAL INFORMATION:  
APPLICANT: Smith, Larry J.  
TITLE OF INVENTION: Therapeutic Oligonucleotides  
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
NUMBER OF SEQUENCES: 114  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/09388  
FILING DATE: 07-JUN-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/379,180  
FILING DATE: 12-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Reed, Janet E.  
REGISTRATION NUMBER: 36,252  
REFERENCE/DOCKET NUMBER: 63082C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)563-4100  
TELEFAX: (215)563-4044  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
PCT-US96-09388-19

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3217 GTGGTGGAGGAG 3231  
DB 15 GTGGTGGAGGAG 1

RESULT 3019  
US-08-275-951-46/c  
Sequence 46, Application US/08275951  
Patent No. 6451968  
GENERAL INFORMATION:  
APPLICANT: Egholm, Michael  
APPLICANT: Kiehl, John  
APPLICANT: Griffin, Michael  
APPLICANT: Coul, James M.  
APPLICANT: Nielsen, Peter  
APPLICANT: Buchardt, Ole  
APPLICANT: Dueholm, Kim L.  
APPLICANT: Christensen, Leif  
TITLE OF INVENTION: Linked Peptide Nucleic Acids  
FILE REFERENCE: ISTS1577  
CURRENT APPLICATION NUMBER: US/08/275,951  
CURRENT FILING DATE: 1994-07-15  
PRIOR APPLICATION NUMBER: 08/108,591  
PRIOR FILING DATE: 1993-11-22  
PRIOR APPLICATION NUMBER: 08/088,658  
PRIOR FILING DATE: 1993-07-02  
PRIOR APPLICATION NUMBER: 08/088,661  
PRIOR FILING DATE: 1993-07-02  
PRIOR APPLICATION NUMBER: PCT/EP92/01219  
PRIOR FILING DATE: 1992-05-22  
PRIOR APPLICATION NUMBER: 986/91  
PRIOR FILING DATE: 1991-05-22  
PRIOR APPLICATION NUMBER: 987/91  
PRIOR FILING DATE: 1991-05-24  
PRIOR APPLICATION NUMBER: 510/92  
PRIOR FILING DATE: 1991-04-15  
NUMBER OF SEQ ID NOS: 65  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 46  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence  
NAME/KEY: misc\_feature  
LOCATION: (5)..(6)  
OTHER INFORMATION: N is Pseudoisocytosine  
NAME/KEY: misc\_feature  
LOCATION: (8)  
OTHER INFORMATION: N is Pseudoisocytosine  
NAME/KEY: misc\_feature  
LOCATION: (10)  
OTHER INFORMATION: N is Pseudoisocytosine  
NAME/KEY: misc\_feature  
LOCATION: (10)..(11)  
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol, Ethylene Glycol  
US-08-275-951-46

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 73.7%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4021 AAAAGAGAGAAA 4039  
DB 20 AAAAGAGAGANNANNA 2

RESULT 3020

US-09-358-383C-21/c  
Sequence 21, Application US/09358383C  
Patent No. 6518398  
GENERAL INFORMATION:  
APPLICANT: Curtis, Rory A.J.  
TITLE OF INVENTION: NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR  
FILE REFERENCE: MNT-055CP  
CURRENT APPLICATION NUMBER: US/09/358,383C  
CURRENT FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: US98 09/119,855  
PRIOR FILING DATE: 1998-07-21  
NUMBER OF SEQ ID NOS: 36  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 21  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-358-383C-21

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3654 AGAATACCCAGAC 3668  
DB 18 AGAATACCCAGAC 4

RESULT 3021  
US-07-984-044A-9  
Sequence 9, Application US/07984044A  
Patent No. 5461145  
GENERAL INFORMATION:  
APPLICANT: Kudo, T. et al.  
TITLE OF INVENTION: Sexing Method Of Bovine Embryos  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/984,044A  
FILING DATE: 02-DEC-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Mirock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 7005-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090  
TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-984-044A-9

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7070 GTTGATGCTGAG 7084  
| | | | | | | | | |  
Db 1 GGTGAATGCTGAG 15

RESULT 3022  
US-08-071-601-15  
Sequence 15, Application US/08071601  
Patent No. 5530177  
GENERAL INFORMATION:  
APPLICANT: BLECK, GREGORY T.  
APPLICANT: BREMEL, ROBERT D.  
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE  
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF USE  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ANDRUS, SCALDES, STARK & SAWALL  
STREET: 100 E. WISCONSIN AVE., SUITE 1100  
CITY: MILWAUKEE  
STATE: WI  
COUNTRY: USA  
ZIP: 53202-4178  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/071.601  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/744.765  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sata, Charles S  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: F. 3262-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 255-2022  
TELEFAX: (608) 255-2182  
TELEX: 26832 ANDSTARK  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-071-601-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4450 TGGGTGCATGCACT 4464  
| | | | | | | | | |  
Db 5 TGGGTGCATGCAAT 19

RESULT 3023  
US-08-271-942A-106/c  
Sequence 106, Application US/08271942A  
Patent No. 5550020  
GENERAL INFORMATION:  
APPLICANT: Gallie, Brenda L.  
APPLICANT: Dunn, James M.  
APPLICANT: Stevens, John K.  
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma  
NUMBER OF SEQUENCES: 123  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oppedahl & Larson

STREET: 1992 Commerce Street, Suite 309  
CITY: Yorktown Heights  
STATE: NY  
COUNTRY: USA  
ZIP: 10598-4412  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS 5.0  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/271.942A  
FILING DATE: 08-JUL-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Marina T. Larson  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN.P-003-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 106:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: no  
ANTI-SENSE: no  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
NAME/KEY: primer for exon 20 of human Rb1 gene  
US-08-271-942A-106

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4588 TTGACTGTCATTTT 4602  
| | | | | | | | | |  
Db 16 TTTACTGTCATTTT 2

RESULT 3024  
US-07-977-284A-116/c  
Sequence 116, Application US/07977284A  
Patent No. 5558988  
GENERAL INFORMATION:  
APPLICANT: Plockop, Darwin J.  
APPLICANT: Ala-Kokko, Leena  
APPLICANT: Williams, Charlene J.  
APPLICANT: Rivanleml, Pertti  
APPLICANT: Baldwin, Clinton  
APPLICANT: Hopkinson, Ian  
APPLICANT: Ahmed, Nilotfer Nina  
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC  
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS  
NUMBER OF SEQUENCES: 261  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Mashburn, Kurtz, Mackiewicz & No. 5558988-ris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/977,284A  
FILING DATE: 13-NOV-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-0697  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 116:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
ANTI-SENSE: YES  
US-07-977-284A-116

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6923 AGAGCTCTGGCTGC 6937

DB 15 AGAGCTCTGGCTGC 1

RESULT 3025  
US-07-977-284A-118  
Sequence 118, Application US/0797284A  
Patent No. 5558988  
GENERAL INFORMATION:  
APPLICANT: Prockock, Darwin J.  
APPLICANT: Aja-Kokko, Leena  
APPLICANT: Williams, Charlene J.  
APPLICANT: Rivvianiem, Pertti  
APPLICANT: Baldwin, Clinton  
APPLICANT: Hopkinson, Ian  
APPLICANT: Ahmad, Nilofar Nina  
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC  
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS  
NUMBER OF SEQUENCES: 261  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris  
STREET: One liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/977,284A  
FILING DATE: 13-NOV-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229

REFERENCE/DOCKET NUMBER: TJU-0697  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 118:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
ANTI-SENSE: NO  
US-07-977-284A-118

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6923 AGAGCTCTGGCTGC 6937

DB 6 AGAGCTCTGGCTGC 20

RESULT 3026  
US-08-250-856A-15  
Sequence 15, Application US/08250856A  
Patent No. 5563255  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P. and Boggs, Russell T.  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
TITLE OF INVENTION: of raf Gene Expression  
NUMBER OF SEQUENCES: 39  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Law Offices of Jane Massey Licata  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/250,856A  
FILING DATE: May 31, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0094  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-250-856A-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5936 CTGGGCTGACTGCC 5950

DB 2 CAGGGCTGACTGCC 16

RESULT 3027  
US-08-118-441-3/c  
Sequence 3, Application US/08118441  
Patent No. 5578493  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad  
APPLICANT: Tanski, Rudolph B.  
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S DISEASE  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham  
STREET: 30 Rockefeller Plaza  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10112  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/118,441  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 977-9550  
TELEFAX: (212) 664-0525  
TELEX: 422523 COOP UI  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
US-08-118-441-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5029 GAGGAGCTCACTGG 5043  
DB 16 GAGGCTGCTCACTGG 2

RESULT 3028  
US-08-222-177A-237  
Sequence 237, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Demilt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 237:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: md64p2  
US-08-222-177A-237

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5970 AGAGCACTGACCTG 5984  
DB 5 AGAGAACTGACCTG 19

RESULT 3029  
US-08-222-177A-285  
Sequence 285, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Demilt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106

TELEX:  
; INFORMATION FOR SEQ ID NO: 285:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; IMMEDIATE SOURCE:  
; CLONE: mfd85p1  
US-08-222-177A-285

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5706 TCCTTTCCCTCT 5720  
DB 3 TCCTTTCACTCTCT 17

RESULT 3030  
US-08-202-990-3/c  
; Sequence 3, Application US/08202990  
; Patent No. 5614377  
; GENERAL INFORMATION:  
; APPLICANT: Bulawa, Christine  
; TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF  
; TITLE OF INVENTION: FUNGAL PATHOGENICITY  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P. C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/202,990  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Granahan, Patricia  
; REGISTRATION NUMBER: 32,227  
; REFERENCE/DOCKET NUMBER: MYC93-08  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 861-6240  
; TELEFAX: (617) 861-9540  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-202-990-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6556 CTGGTGACAGTTT 6570  
DB 20 CTGGTGACAGTTT 6

RESULT 3031  
US-07-976-103A-14  
; Sequence 14, Application US/07976103A

Patent No. 5645985  
; GENERAL INFORMATION:  
; APPLICANT: FROEHLER, BRIAN  
; APPLICANT: WAGNER, RICK  
; APPLICANT: MATTEUCCI, MARK  
; APPLICANT: JONES, ROBERT J.  
; APPLICANT: GUTIERREZ, ARNOLD J.  
; APPLICANT: PUDDLO, JEFF  
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX  
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: GILEAD SCIENCES, INC.  
; STREET: 353 Lakeside Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/976,103A  
; FILING DATE: 25-NOV-1992  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MUENCHAU, DARYL D.  
; REGISTRATION NUMBER: 36,616  
; REFERENCE/DOCKET NUMBER: 162.3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 573-4712  
; TELEFAX: (415) 573-4899  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 6 /note= "This position is C" =  
; OTHER INFORMATION: /note= "This position is C" =  
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 9  
; OTHER INFORMATION: /note= "This position is C" =  
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 17  
; OTHER INFORMATION: /note= "This position is C" =  
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."  
; FEATURE:  
; NAME/KEY: modified\_base  
; LOCATION: 20  
; OTHER INFORMATION: /note= "This position is C" =  
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."  
; US-07-976-103A-14

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 77.8%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTNTTTTNTTTT 4481  
DB 2 TTTTNTTTTNTTTT 19

RESULT 3032



US-08-458-393-9  
Sequence 9, Application US/08458393  
Patent No. 5661011  
GENERAL INFORMATION:  
APPLICANT: Kudo, T. et al.  
TITLE OF INVENTION: Sexing Method Of Bovine Embryos  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/458,393  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/984,044  
FILING DATE: 02-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Mirock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 7005-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212 790-9090  
TELEFAX: 212 869-8864/9741  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-458-393-9

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7070 GTTGATGCACTGAG 7084  
Db 1 GCTGAATGCACTGAG 15

RESULT 3033  
US-08-487-141B-20/c  
Sequence 20, Application US/08487141B  
Patent No. 5683987  
GENERAL INFORMATION:  
APPLICANT: Smith, Larry J.  
TITLE OF INVENTION: Therapeutic Oligonucleotides  
Targeting the Human MDR1 and MRP Genes  
NUMBER OF SEQUENCES: 114  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Dunn, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,141B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/379,180  
FILING DATE: 12-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hagan, Patrick J.  
REGISTRATION NUMBER: 27,643  
REFERENCE/DOCKET NUMBER: 63082C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)563-4100  
TELEFAX: (215)563-4044  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-487-141B-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3217 GTGGGTGGAGAG 3231  
Db 16 GTGGGTGGAGAG 2

RESULT 3034  
US-08-255-892-103  
Sequence 103, Application US/08255892  
Patent No. 5695926  
GENERAL INFORMATION:  
APPLICANT: CROS, PHILIPPE  
APPLICANT: ALLIBERT, PATRICE  
APPLICANT: MALLET, FRANCOIS  
APPLICANT: MARILLAT, CLAUDE  
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE  
SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION  
NUMBER OF SEQUENCES: 113  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN  
STREET: 1100 NEW YORK AVENUE, N.W.  
CITY: WASHINGTON  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255,892  
FILING DATE: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/834,543  
FILING DATE: 11-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DEEVER, DONALD B.  
REGISTRATION NUMBER: 23,048  
REFERENCE/DOCKET NUMBER: 1032/94109  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000

TELEFAX: 202-822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 103:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-255-892-103

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 87.5%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3253 AATCAGAAAAGACTA 3268  
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Db 3 AATCAGAAAAGACTA 18

RESULT 3035  
US-08-171-718-13  
Sequence 13, Application US/08171718  
Patent No. 5707863  
GENERAL INFORMATION:  
APPLICANT: Triofalter, James A.  
APPLICANT: Maccollin, Mia M.  
APPLICANT: Gubella, James F.  
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses  
TITLE OF INVENTION: Tumor  
NUMBER OF SEQUENCES: 120  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, N.W., Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/171,718  
FILING DATE: 22-DEC-1993  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/108,808  
FILING DATE: 19-AUG-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/022,034  
FILING DATE: 25-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/026,063  
FILING DATE: 04-MAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Brown, Anne  
REGISTRATION NUMBER: 36,463  
REFERENCE/DOCKET NUMBER: 0609.3850003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-171-718-13

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 3451 CTTCTCCTCCTGAC 3465  
|||||  
Db 3 CTTCTCCTCCTGAC 17

RESULT 3036  
US-08-605-089-18/c  
Sequence 18, Application US/08605089  
Patent No. 5719026  
GENERAL INFORMATION:  
APPLICANT: Takafumi FUKUI  
APPLICANT: Kiyomori KATSURAGI  
APPLICANT: Moritoshi KINOSHITA  
APPLICANT: Sadahito SHIN  
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF  
TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SUGHRUB, MION, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/605,089  
FILING DATE: 06-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JPA-6-154571  
FILING DATE: 06-JUL-1994  
APPLICATION NUMBER: PCT/Jp95/01352  
FILING DATE: 06-JUL-1995  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 BASES  
TYPE: NUCLEOTIDE  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: DNA  
US-08-605-089-18

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2743 GTGACAGTTACACAG 2757  
|||||  
Db 16 GTGACAGTTACACAG 2

RESULT 3037  
US-08-966-16/c  
Sequence 16, Application US/08665966  
Patent No. 5756328  
GENERAL INFORMATION:  
APPLICANT: Steffens, John C.  
APPLICANT: Ghangas, Gurdev S.  
TITLE OF INVENTION: Acyl Transferase and Gene Encoding Acyl  
TITLE OF INVENTION: Transferase  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jones, Tullar & Cooper, P.C.  
STREET: P.O. Box 2266 Bads Station  
CITY: Arlington  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22202

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,966
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Spector, Eric S.
REGISTRATION NUMBER: 22495
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-1500
TELEFAX: 703-415-1508
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-665-966-16

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5707 CCTTTCCTCTCTC 5721
DB 19 CTTTTCCTCTCTC 5

RESULT 3038
US-08-473-481-14
Sequence 14, Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROELER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
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FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 6
OTHER INFORMATION: /note= "This position is C' =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /note= "This position is C' =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /note= "This position is C' =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 20
OTHER INFORMATION: /note= "This position is C' =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
US-08-473-481-14

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTNTTNTTNTTNTT 4481
DB 2 TTTTNTTNTTNTTNTT 19

RESULT 3039
US-08-621-100-15
Sequence 15, Application US/08621100
Patent No. 5850000
GENERAL INFORMATION:
APPLICANT: BLECK, GREGORY T.
APPLICANT: BREMEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF USE
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANDRUS, SCARLES, STARK & SAWALL
STREET: 100 E. WISCONSIN AVE., SUITE 1100
CITY: MILWAUKEE
STATE: WI
COUNTRY: USA
ZIP: 53202-4178
COMPUTER READABLE FORM:
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MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/621,100  
FILING DATE: 22-MAR-1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/071,601  
FILING DATE:  
APPLICATION NUMBER: US/07/744,765  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: F. 3262-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 255-2022  
TELEFAX: (608) 255-2182  
TELEX: 26832 ANDSTARK  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-621-100-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4450 TGGGTGCATGCACT 4464  
|||||  
Db 5 TGGGTGCATGCACT 19

RESULT 3040  
US-08-117-952-142  
Sequence 142, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
NUMBER OF SEQUENCES: 797  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392  
INFORMATION FOR SEQ ID NO: 142:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-142

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1303 AAGGCACAGCTAGA 1317  
|||||  
Db 4 AAGGCACAGCTAGA 18

RESULT 3041  
US-08-117-952-148  
Sequence 148, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
NUMBER OF SEQUENCES: 797  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392  
INFORMATION FOR SEQ ID NO: 148:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-148

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1839 GCAGTGTGCGAGT 1853  
 Db 5 GCAGTGTGCGAGT 19

## RESULT 3042

US-08-651-692-10  
 ; Sequence 10, Application US/08651692  
 ; Patent No. 5856099

## GENERAL INFORMATION:

APPLICANT: Loren Miraglia, Thomas Gelger,  
 APPLICANT: Clarence Frank Bennett and Nicholas M. Dean  
 TITLE OF INVENTION: Compositions and Methods for  
 ; TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression  
 ; NUMBER OF SEQUENCES: 42  
 ; CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 210 Lake Drive East, Suite 201  
 CITY: Cherry Hill  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 08002

## COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; MEDIUM TYPE: IBM PS/2  
 ; COMPUTER: IBM PS/2  
 ; OPERATING SYSTEM: PC-DOS  
 ; SOFTWARE: WORDPERFECT 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/651,692  
 ; FILING DATE: Herewith  
 ; CLASSIFICATION: 536  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER:  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Jane Massey Licata  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0144  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (609) 779-2400  
 ; TELEFAX: (609) 779-8488  
 ; INFORMATION FOR SEQ ID NO: 10:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ; US-08-651-692-10

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
 Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2084 GTGCTACTGTGCGG 2098  
 Db 2 GTGCTACGTCGCGG 16

## RESULT 3043

US-08-927-561-20/c  
 ; Sequence 20, Application US/08927561  
 ; Patent No. 5874567

## GENERAL INFORMATION:

APPLICANT: Smith, Larry J.  
 TITLE OF INVENTION: Therapeutic Oligonucleotides  
 ; TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes  
 ; NUMBER OF SEQUENCES: 114  
 ; CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dann, Doreman, Herrell and Skillman  
 STREET: 1601 Market Street Suite 720  
 CITY: Philadelphia

STATE: PA  
 COUNTRY: USA  
 ZIP: 19103-2307

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 ; MEDIUM TYPE: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patentin Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/927,561  
 ; FILING DATE: 08-SEPT-1997  
 ; CLASSIFICATION: 536  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/487,141  
 ; FILING DATE: 05-JUN-1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Rigaut, Kathleen D.  
 ; REGISTRATION NUMBER: P43,047  
 ; REFERENCE/DOCKET NUMBER: 63082C1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (215)563-4100  
 ; TELEFAX: (215)563-4044  
 ; INFORMATION FOR SEQ ID NO: 20:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: not relevant  
 ; MOLECULAR TYPE: DNA (genomic)  
 ; HYPOTHEICAL: NO  
 ; ANTI-SENSE: YES  
 ; US-08-927-561-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
 Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3217 GTGGTGTGGAGGAGG 3231  
 Db 16 GTGGTGTGGAGGAGG 2

## RESULT 3044

US-08-761-243C-10/c  
 ; Sequence 10, Application US/08761243C  
 ; Patent No. 5879879

## GENERAL INFORMATION:

APPLICANT: Kamal D. Mehta  
 TITLE OF INVENTION: No. 5879879el Cis-Acting Element In The Human LDL Receptor Pr  
 ; NUMBER OF SEQUENCES: 28  
 ; CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Benjamin Aaron Adler, Ph.D., J.D.  
 STREET: 8011 Candle Lane  
 CITY: Houston  
 STATE: Texas  
 COUNTRY: USA  
 ZIP: 77071

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 ; COMPUTER: Apple Macintosh  
 ; OPERATING SYSTEM: Macintosh  
 ; SOFTWARE: Microsoft Word for Macintosh  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/761,243C  
 ; FILING DATE: December 6, 1996  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Benjamin Aaron Adler, Ph.D., J.D.  
 ; REGISTRATION NUMBER: 35,423  
 ; REFERENCE/DOCKET NUMBER: D5956  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 713-777-2321  
 ; TELEFAX: 713-777-6908

;/ INFORMATION FOR SEQ ID NO: 10:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 20 bp  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single-stranded  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE:  
;/ DESCRIPTION: other nucleic acid  
;/ HYPOTHETICAL: No  
;/ ANTI-SENSE: No  
;/ ORIGINAL SOURCE:  
US-08-761-243C-10

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2421 CAACATCACCACCC 2435  
DB 15 CAACATCACCACCC 1

RESULT 3045  
US-08-478-178A-115/C  
Sequence 115, Application US/08478178A  
Patent No. 5882927  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
TITLE OF INVENTION: Protein  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSER: Mackiewicz & No. 5882927ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,178A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 115:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes

Kinase C

US-08-478-178A-115

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGCGGCGCTC 22  
| | | | | | | | | | | | | | | | | |

DB 16 GATGCGCGGCGCTC 2

RESULT 3046  
US-08-488-177-115/C  
Sequence 115, Application US/08488177  
Patent No. 5885970  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
TITLE OF INVENTION: Protein Kinase C  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSER: Mackiewicz & No. 5885970ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,177  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1995  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 115:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGCGGCGCTC 22  
DB 16 GATGCGCGGCGCTC 2

RESULT 3047  
US-08-481-072A-115/C  
Sequence 115, Application US/08481072A  
Patent No. 5916807  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
TITLE OF INVENTION: Protein  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSER: Mackiewicz & No. 5916807ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA

Kinase C

```

;
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481.072A
; FILING DATE: herewilch
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-481-072A-115

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      8 GCTGCGCGGCGCTC 22
Db      16 GATGCGCGGCGCTC 2

RESULT 3048
US-08-664-336-115/c
; Sequence 115, Application US/08664336
; Patent No. 5922886
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5922666r1s
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664.336
; FILING DATE: herewilch
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 089,996
; FILING DATE: July 9, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2345
```

```

;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-664-336-115

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      8 GCTGCGCGGCGCTC 22
Db      16 GATGCGCGGCGCTC 2

RESULT 3049
US-08-866-650-7/c
; Sequence 7, Application US/0886650
; Patent No. 593321
; GENERAL INFORMATION:
; APPLICANT: Greenspan, Daniel S
; APPLICANT: Takahara, Kazuhiko
; APPLICANT: Hoffman, Guy G
; TITLE OF INVENTION: Mammalian Tolloid-Like Protein
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 1 South Plinkney Street
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/866,650
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Berson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.93839
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide primer"
; US-08-866-650-7

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1029 GATGAAGAGGAAGTA 1043
Db      20 GATGAAGTGAAGTA 6
```

```
RESULT 3050
US-08-256-426B-116/c
; Sequence 116, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Riltvanlent, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611xis
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Deluca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
US-08-256-426B-116

Query Match      0.2%: Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%: Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6923 AGAGCCTCTGCCTGC 6937
Db      15 AGAGCCTCTGCCTGC 1

RESULT 3051
US-08-256-426B-118
; Sequence 118, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Riltvanlent, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
```

```
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611xis
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Deluca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-08-256-426B-118

Query Match      0.2%: Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%: Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6923 AGAGCCTCTGCCTGC 6937
Db      6 AGAGCCTCTGCCTGC 20

RESULT 3052
US-08-975-211-27
; Sequence 27, Application US/08975211
; Patent No. 5948902
; GENERAL INFORMATION:
; APPLICANT: Honkanen, Richard E
; APPLICANT: Dean, Nicholas M
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
; TITLE OF INVENTION: HUMAN SERINE/THREONINE PROTEIN PHOSPHATASE GENE EXPRESSION
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jaackle Fleischmann & Muegel, LLP
; STREET: 39 State Street
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14614-1310
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/975,211
```



FILING DATE: 514  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Braman, Susan J  
REGISTRATION NUMBER: 34,103  
REFERENCE/DOCKET NUMBER: 87647.97R407  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 716-262-3640  
TELEFAX: 716-262-4133  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
ANTI-SENSE: YES  
US-08-975-211-27

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5602 TTAAAGTGGTGCCTC 5616  
DB 6 TTGAGTGGTGCCTC 20

RESULT 3053  
US-08-756-806A-15  
Sequence 15, Application US/08756806A  
Patent No. 5952229  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P. and Boggs, Russell T.  
TITLE OF INVENTION: Antisense oligonucleotide Modulation  
TITLE OF INVENTION: of raf Gene Expression  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/756, 806A  
FILING DATE: No. 5952229ember 26, 1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/071111  
FILING DATE: May 31, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/250, 856  
FILING DATE: May 31, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0200  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: linear  
ANTI-SENSE: Yes

US-08-756-806A-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5936 CTGGGCTGACTGCC 5950  
DB 2 CAGGCTGACTGCC 16

RESULT 3054  
US-08-481-066A-115/c  
Sequence 115, Application US/08481066A  
Patent No. 595096  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
TITLE OF INVENTION: Protein Kinase C  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 595096ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/481, 066A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 115:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-481-066A-115

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGGCGGCGGCTC 22  
DB 16 GATGCGCGGCGCTC 2

RESULT 3055  
US-08-343-443B-119/c  
Sequence 119, Application US/08343443B  
Patent No. 5968734  
GENERAL INFORMATION:  
APPLICANT: Aurlas, Alain  
APPLICANT: Delattre, Olivier  
APPLICANT: Desmaze, Chantal

```
/
/ APPLICANT: Meiot, Thomas
/ APPLICANT: Peter, Martine
/ APPLICANT: Ploouagastel, Beatrice
/ APPLICANT: Thomas, Gilles
/ APPLICANT: Zucman, Jessica
/ TITLE OF INVENTION: NUCLEIC ACID CORRESPONDING TO A GENE OF
/ TITLE OF INVENTION: CHROMOSOME 22 INVOLVED IN RECURRENT CHROMOSOMAL
/ TITLE OF INVENTION: TRANSLATIONS ASSOCIATED WITH THE DEVELOPMENT OF CANCEROUS
/ TITLE OF INVENTION: TUMORS, AND NUCLEIC ACIDS OF FUSION RESULTING FROM SAID
/ NUMBER OF SEQUENCES: 129
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Weiser & Associates
/ STREET: 230 South Fifteenth Street
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19102
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: AEDIT 1.0 DOS text editor
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/343,443B
/ FILING DATE: 18-NOV-1994
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/FR93/00494
/ FILING DATE: 19-MAY-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 92/06123
/ FILING DATE: 20-MAY-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Weiser, Gerard J.
/ REGISTRATION NUMBER: 19,763
/ REFERENCE/DOCKET NUMBER: 989,6121P
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-875-8383
/ TELEFAX: 215-875-8394
/ INFORMATION FOR SEQ ID NO: 119:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-343-443B-119

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3548 GGTGGTAACCACTG 3562
DB 17 GGTGGTAACCTAGTG 3

RESULT 3056
US-09-021-287-7/c
/ Sequence 7, Application US/09021287
/ Patent No. 5981717
/ GENERAL INFORMATION:
/ APPLICANT: Greenspan, Daniel S
/ APPLICANT: Takahara, Kazuhiko
/ APPLICANT: Hoffman, Guy G
/ TITLE OF INVENTION: Mammalian Tolloid-Like Protein
/ NUMBER OF SEQUENCES: 13
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Quarles & Brady
/ STREET: 1 South Planchney Street
/ CITY: Madison
/ STATE: WI
/ COUNTRY: US
```

```
/
/ ZIP: 53703
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/021,287
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/866,650
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Berson, Bennett J
/ REGISTRATION NUMBER: 37094
/ REFERENCE/DOCKET NUMBER: 960296.93839
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 608-251-5000
/ TELEFAX: 608-251-9166
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "oligonucleotide primer"
/ US-09-021-287-7

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1029 GATGAAGAGGAAGTA 1043
DB 20 GATGAAGTGGAAGTA 6

RESULT 3057
US-08-507-032-5
/ Sequence 5, Application US/08507032
/ Patent No. 5989810
/ GENERAL INFORMATION:
/ APPLICANT: Flanagan, William A.
/ APPLICANT: Crabtree, Gerald R.
/ TITLE OF INVENTION: Screening Methods for Immunosuppressive
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: William M. Smith
/ STREET: One Market Plaza, Stewart Tower, Suite 2000
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94105
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/507,032
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/228,944
/ FILING DATE:
/ APPLICATION NUMBER: US 07/749,385
/ FILING DATE: 22-AUG-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Smith, William M.
/ REGISTRATION NUMBER: 30,223
```

```

REFERENCE/DOCKET NUMBER: 5490A-89
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 415-326-2400
  TELEFAX: 415-326-2422
  INFORMATION FOR SEQ ID NO: 5:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 20 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
    MOLECULE TYPE: DNA (genomic)
  FEATURE:
    NAME/KEY: misc feature
    LOCATION: 1..20
    OTHER INFORMATION: /note= "Purine Rich Core Sequence"
US-08-507-032-5

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No.2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      3278 AACAGAGAAAATGAA 3292
      |||||
      4 AAGAGGAAAATGAA 18

RESULT 3058
US-08-874-186-48
Sequence 48, Application US/08874186
Patent No. 5989885
GENERAL INFORMATION:
  APPLICANT: Teng, David H-F.
  APPLICANT: Tavligian, Sean V.
  APPLICANT: Perry III, William L.
  APPLICANT: Skolnick, Mark H.
  TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
  TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR
  TITLE OF INVENTION: SUPPRESSOR IN VARIOUS TYPES OF CANCER
  NUMBER OF SEQUENCES: 96
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
    STREET: 1201 New York Avenue, N.W., Suite 1000
    CITY: Washington
    STATE: DC
    COUNTRY: U.S.A.
    ZIP: 20005
  COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    COMPUTER: IBM PC compatible
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: Patentin Release #1.0, Version #1.30
  CURRENT APPLICATION DATA:
    APPLICATION NUMBER: US/08/874,186
    FILING DATE:
  CLASSIFICATION: 435
  PRIOR APPLICATION DATA:
    APPLICATION NUMBER: US 08/782,482
    FILING DATE: 10-JAN-1997
  ATTORNEY/AGENT INFORMATION:
    NAME: Saxe, Stephen A.
    REGISTRATION NUMBER: 38,609
  REFERENCE/DOCKET NUMBER: 24884-121392-01
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: 202-962-4848
    TELEFAX: 202-962-8300
  INFORMATION FOR SEQ ID NO: 48:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 20 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
    MOLECULE TYPE: other nucleic acid
  DESCRIPTION: /desc = "Primer."

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US-08-874-186-48
Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6869 GGGCAGCGAGAGAGG 6883
||| ||||| |||
Db 2 GCGGAGCGAGAGAGG 16

RESULT 3059
US-08-940-250-9/c
Sequence 9, Application US/08940250
Patent No. 6001991
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, Muthiah Manoharan
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: MDR P-Glycoprotein Gene Expression
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940.250
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/731.199
FILING DATE: 10/4/96
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0217
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-940-250-9

QY 6933 GCTGCTGTTGGGCA 6947
||| ||||| |||||
Db 18 GCTGCTGTTGGGCA 4

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 3060
US-08-487-799-63
Sequence 63, Application US/08487799C
Patent No. 6010908
GENERAL INFORMATION:
APPLICANT: Gruenert, Delcer C.
APPLICANT: Kunzelmann, Karl
TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
FILE REFERENCE 480.18-1(HV)

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; CURRENT APPLICATION NUMBER: US/08/487,799C
; CURRENT FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 07/933,471
; EARLIER FILING DATE: 1992-08-21
; EARLIER APPLICATION NUMBER: 08/409,544
; EARLIER FILING DATE: 1995-03-24
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-08-487-799-63

Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2673 TCACAGTGGAGAGG 2687
    |||||
Db 5 TGTCACTGGAGAGG 19

RESULT 3061
US-08-578-615A-77/c
; Sequence 77, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892r1s LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-08-578-615A-77
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Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGCGGCGCTC 22
    |||||
Db 16 GATGCGCGGCGCTC 2

RESULT 3062
US-08-755-587-172
; Sequence 172, Application US/08755587
; Patent No. 6045997
; GENERAL INFORMATION:
; APPLICANT: Futreal, Phillip A
; APPLICANT: Wooster, Richard F
; APPLICANT: Ashworth, Alan
; APPLICANT: Stratton, Michael R
; TITLE OF INVENTION: Materials and methods relating to the
; TITLE OF INVENTION: Identification and sequencing of the BRCA2 cancer
; TITLE OF INVENTION: susceptibility gene and uses thereof.
; NUMBER OF SEQUENCES: 222
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer Park & Gibson
; STREET: 310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
; CITY: Raleigh
; STATE: NC
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/755,587
; FILING DATE: 25-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9523959.6
; FILING DATE: 23-NOV-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9525555.0
; FILING DATE: 14-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9617961.9
; FILING DATE: 28-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kenneth D Sibley
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5405-135
; INFORMATION FOR SEQ ID NO: 172:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-755-587-172

Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5602 TTTAAGTGTGCTTC 5616
    |||||
Db 6 TGTAGTGTGCTTC 20

RESULT 3063
US-09-357-070-8/c
; Sequence 8, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowart
US-09-357-070-8/c
```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-8

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 78 CCGCGCGAGCGCGCG 92
DB 15 CCGCGCGAGCGCGCG 1

RESULT 3064
US-09-344-001-20
; Sequence 20, Application US/09344001
; Patent No. 6054440
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-2 EXPRESSION
; FILE REFERENCE: RTS-0067
; CURRENT APPLICATION NUMBER: US/09/344,001
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-001-20

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1774 CCAGGGAAGCGCG 1788
DB 2 CCAGGGAAGCGCG 16

RESULT 3065
US-08-779-916A-106/C
; Sequence 106, Application US/08779916A
; Patent No. 6063567
; GENERAL INFORMATION:
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; APPLICANT: Hui, May
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; COMPUTER: IBM Compatible
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; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,916A
; FILING DATE: 07-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,942
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US2
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 20 of human Rb1 gene
US-08-779-916A-106

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4588 TTGACTGTTCATTTT 4602
DB 16 TTGACTGTTCATTTT 2

RESULT 3066
US-09-041-780-16/C
; Sequence 16, Application US/09041780
; Patent No. 6066482
; GENERAL INFORMATION:
; APPLICANT: Steffens, John C.
; APPLICANT: Changae, Gurdev S.
; TITLE OF INVENTION: Acyl Transferase and Gene Encoding Acyl
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jones, Tullar & Cooper, P.C.
; STREET: P.O. Box 2266 Eads Station
; CITY: Arlington
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/041,780
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/665,966
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spector, Eric S.
```

REGISTRATION NUMBER: 22495  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-415-1500  
TELEFAX: 703-415-1508  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-041-780-16

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5707 CCTTTCCTCTCTC 5721  
| | | | | | | | | | | | | | | | | | | | | |  
DB 19 CTTTTCCTCTCTC 5

RESULT 3067  
US-08-338-579A-3/C  
Sequence 3, Application US/08338579A  
Patent No. 6068975  
GENERAL INFORMATION:  
APPLICANT: Gilliam, T. Conrad  
APPLICANT: Tanzil, Rudolph E.  
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S  
TITLE OF INVENTION: DISEASE GENE  
NUMBER OF SEQUENCES: 107  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Cooper & Dunham  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: United States of America  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/338,579A  
FILING DATE: June 17, 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 278-0400  
TELEFAX: (212) 391-0525  
TEXT:  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
US-08-338-579A-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 5029 GAGGAGCTCACTGG 5043  
| | | | | | | | | | | | | | | | | | | | | |  
DB 16 GAGGCTGCTCACTGG 2

RESULT 3068  
US-08-478-087-13  
Sequence 13, Application US/08478087  
Patent No. 6077685  
GENERAL INFORMATION:  
APPLICANT: Trotter, James A.  
APPLICANT: MacCollin, Mia M.  
APPLICANT: Gussella, James F.  
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses  
TITLE OF INVENTION: Theroef  
NUMBER OF SEQUENCES: 120  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, N.W., Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,087  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/171,718  
FILING DATE: 22-DEC-1993  
APPLICATION NUMBER: US 08/108,808  
FILING DATE: 19-AUG-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/022,034  
FILING DATE: 25-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/026,063  
FILING DATE: 04-MAR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Brown, Anne  
REGISTRATION NUMBER: 36,463  
REFERENCE/DOCKET NUMBER: 0609.3850003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2540  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-478-087-13

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3451 CTTCTCCTCCCTGAC 3465  
| | | | | | | | | | | | | | | | | | | | | |  
DB 3 CTTCTCCTCCCTGAC 17

RESULT 3069  
US-09-166-166-69/C  
Sequence 69, Application US/09166186A  
Patent No. 6080380  
GENERAL INFORMATION:  
APPLICANT: Baker, Brenda  
APPLICANT: Bennett, C. Frank  
APPLICANT: Butler, Madeline M.  
APPLICANT: Shanahan, William R.

```

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-69

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGCTGCTGGGACA 1516
      |||||||
      16 AGGCTGCTGGGACA 2

Db

RESULT 3070
US-09-166-186-150/c
; Sequence 150, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-150

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGCTGCTGGGACA 1516
      |||||||
      20 AGGCTGCTGGGACA 6

Db

RESULT 3071
US-09-166-186-151/c
; Sequence 151, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
```

```

US-09-166-186-151

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGCTGCTGGGACA 1516
      |||||||
      19 AGGCTGCTGGGACA 5

Db

RESULT 3072
US-09-166-186-152/c
; Sequence 152, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 152
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-152

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGCTGCTGGGACA 1516
      |||||||
      18 AGGCTGCTGGGACA 4

Db

RESULT 3073
US-09-166-186-153/c
; Sequence 153, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 153
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-153

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGCTGCTGGGACA 1516
      |||||||
      17 AGGCTGCTGGGACA 3

Db
```

```
RESULT 3074
US-09-166-186-154/c
; Sequence 154, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: antisense sequence
US-09-166-186-154

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGGTCTGGGACA 1516
DB      15 AGGGTCTGGGACA 1

RESULT 3075
US-09-143-214-15
; Sequence 15, Application US/09143214
; Patent No. 6090626
; GENERAL INFORMATION:
; APPLICANT: Morita, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/143,214
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,806
; FILING DATE: No. 6090626ember 26, 1996
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-143-214-15

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5936 CTGGGCTGACTGCC 5950
DB      2 CAGGCTGACTGCC 16

RESULT 3076
US-08-850-347-10/c
; Sequence 10, Application US/08850347
; Patent No. 6110742
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Seidman, Shlomo
; APPLICANT: Eckstein, Fritz
; TITLE OF INVENTION: SYNTHETIC ANTISENSE
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 6110742thwestern Hwy.
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,347
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 2391.00057
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5050
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: mouse
US-08-850-347-10

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2892 AGGAGTGAAGATGC 2906
DB      17 AGGAGTGAAGATGC 3

RESULT 3077
US-08-903-139B-1
```



Sequence 1, Application US/089031398  
Patent No. 614118  
GENERAL INFORMATION:  
APPLICANT: Joe W. Templeton, Jianwei Feng, L. Garry Adams,  
APPLICANT: Evelyn Schurr, Philippe Gros, Donald S. Davis and Roger Smith  
TITLE OF INVENTION: METHOD OF IDENTIFICATION OF ANIMALS  
TITLE OF INVENTION: RESISTANT OR SUSCEPTIBLE TO DISEASES SUCH AS RUMINANT  
TITLE OF INVENTION: BRUCELLA, TUBERCULOSIS, PARATUBERCULOSIS AND SALMONELLOSIS  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pravel, Hewitt, Kimball & Krieger  
STREET: 1177 West Loop South, 10th floor  
CITY: Houston  
STATE: TX  
COUNTRY: USA  
ZIP: 77027-9095  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/903.1398  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/031.443  
FILING DATE: September 20, 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Krieger, Paul E.  
REGISTRATION NUMBER: 25,886  
REFERENCE/DOCKET NUMBER: 00162-3/V96171US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713-850-0909  
TELEFAX: 713-850-0165  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-903-1398-1  
Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2949 GCCAGCAAGACGAC 2963  
DB 3 GCCAGCAAGACGAC 17  
RESULT 3078  
US-08-990-065-10/c  
Sequence 10, Application US/08990065  
Patent No. 6121046  
GENERAL INFORMATION:  
APPLICANT: Soreq, Hermona  
APPLICANT: Seidman, Shlomo  
APPLICANT: Eckstein, Fritz  
APPLICANT: Friedmann, Alon  
APPLICANT: Kafer, Daniela  
TITLE OF INVENTION: SYNTHETIC ANTISENSE  
TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS  
TITLE OF INVENTION: CONTAINING THEM  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kohn & Associates  
STREET: 30500 No. 6121046thwestern Hwy. Suite 410  
CITY: Farmington Hills  
STATE: Michigan  
COUNTRY: U.S.

ZIP: 48334  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/990.065  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/850,347  
FILING DATE: 02-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/318,826  
FILING DATE: 01-JAN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Montgomery, Ilene N.  
REGISTRATION NUMBER: 38,972  
REFERENCE/DOCKET NUMBER: 2391.00086  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (248) 539-5050  
TELEFAX: (248) 539-5055  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHEICAL: NO  
ANTI-SENSE: YES  
US-08-990-065-10  
Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2892 AGAGGTGATGATC 2906  
DB 17 AGAGGTGATGATC 3  
RESULT 3079  
US-08-765-340-44  
Sequence 44, Application US/08765340  
Patent No. 6150092  
GENERAL INFORMATION:  
APPLICANT: UCHIDA, K.  
APPLICANT: UCHIDA, T.  
APPLICANT: TANAKA, Y.  
APPLICANT: MATSUDA, Y.  
APPLICANT: KONDO, S.  
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID  
TITLE OF INVENTION: COMPOUND  
NUMBER OF SEQUENCES: 185  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version  
SOFTWARE: #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/765.340  
FILING DATE: 23-DEC-1996  
PRIOR APPLICATION DATA:

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APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNTAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-44
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5926 AGATGTCACCTGGG 5940
DB      5 AGATGTCACCAACGG 19
```

```
RESULT 3080
US-09-444-053-25/c
Sequence 25, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-25
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2004 ACACCCCCCAGCAGG 2018
DB      19 ACACGCCCCAGCAGG 5
```

```
RESULT 3081
US-09-444-053-27
Sequence 27, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 27
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-27
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      740 GGCGCTCCTCTCT 754
DB      4 GGCGCTCCTCTCT 18
```

```
RESULT 3082
US-08-928-941D-5/c
Sequence 5, Application US/08928941D
Patent No. 6180763
GENERAL INFORMATION:
APPLICANT: Hiral, Hiroshi
APPLICANT: Sherr, Charles
TITLE OF INVENTION: CYCLIN-D BINDING FACTOR, AND USES
TITLE OF INVENTION: THERBOF
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,941D
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
HYPOTHETICAL: NO
US-08-928-941D-5
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      35 GGTGAGGCTCGCG 49
DB      15 GGTGAGGATCCGCG 1
```

```
RESULT 3083
US-09-280-805-114
Sequence 114, Application US/09280805
```

```
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Mona
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 114:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-114

Query Match      0.2% Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3636 AGAGAGCTAGATGG 3650
Db      3 AGATGAGGTAGATGG 17

RESULT 3084
US-09-101-886B-85
Sequence 85, Application US/09101886B
GENERAL INFORMATION:
APPLICANT: BERG, THOMAS
APPLICANT: TOLLERSRUD, OLE K
APPLICANT: NILSEN, OIVIND
TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: BARBARA G. ERNST
STREET: 555 13TH STREET, NW SUITE 701E
CITY: WASHINGTON
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
```

```
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/101,886B
FILING DATE: 29-JANUARY-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB97/00109
FILING DATE: 12-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: ERNST, BARBARA G
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1181-240
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-783-6040
TELEFAX: 202-783-6031
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-101-886B-85

Query Match      0.2% Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6987 CAGATGAGGTGGGA 7001
Db      2 CAGATGAGGTGGGA 16

RESULT 3085
US-09-290-640-59/c
Sequence 59, Application US/09290640
Patent No. 6204055
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcuseon, Eric G.
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-0351
CURRENT APPLICATION NUMBER: US/09/290,640
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 85
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-290-640-59

Query Match      0.2% Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6923 AGAGCTCTGCTGC 6937
Db      15 AGAGCTCTGATGC 1

RESULT 3086
US-08-908-436-8
Sequence 8, Application US/08908436
Patent No. 6214572
GENERAL INFORMATION:
APPLICANT: YUAN, JUNYING
APPLICANT: WANG, SUYUE
APPLICANT: MIURA, MASAYUKI
APPLICANT: FISHMAN, UAY A.
```

TITLE OF INVENTION: PROGRAMMED CELL DEATH AND ICH-3  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX, P.L.L.C.  
STREET: 1100 NEW YORK AVENUE, NW, SUITE 600  
CITY: WASHINGTON  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/908,436  
FILING DATE: Herewith  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/023,937  
FILING DATE: 09-AUG-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BUGAISKY, LAWRENCE B.  
REGISTRATION NUMBER: 35,086  
REFERENCE/DOCKET NUMBER: 0609.4220001  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-908-436-8

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3098 TCACAGTGCCTAAGA 3112  
DB 3 TCACAGTGCCTAAGA 17

RESULT 3087  
US-08-836-261A-50/C  
Sequence 50, Application US/08836261A  
Patent No. 6221582  
GENERAL INFORMATION:  
APPLICANT: GISENDORF, BELINDA  
APPLICANT: QUINT, WILHELMUS  
TITLE OF INVENTION: NEW POLYNUCLEIC ACID SEQUENCES FOR USE IN THE  
TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF PROKARYOTIC ORGANISMS  
NUMBER OF SEQUENCES: 96  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ARNOLD, WHITE & DURKEE  
STREET: P.O. BOX 4433  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 6.0 / ASCII text output  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/836,261A  
FILING DATE: 25 Apr 1997  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/EP95/04264  
FILING DATE: 30 Oct 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 9487017.9  
FILING DATE: 28 Oct 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: KAMERER, PATRICIA A.  
REGISTRATION NUMBER: 29,775  
REFERENCE/DOCKET NUMBER: INNS:005  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-836-261A-50

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4283 CCTCTTCTTGCAGT 4297  
DB 16 CCTCTTCTTGCAGT 2

RESULT 3088  
US-08-836-261A-60  
Sequence 60, Application US/08836261A  
Patent No. 6221582  
GENERAL INFORMATION:  
APPLICANT: GISENDORF, BELINDA  
APPLICANT: QUINT, WILHELMUS  
TITLE OF INVENTION: NEW POLYNUCLEIC ACID SEQUENCES FOR USE IN THE  
TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF PROKARYOTIC ORGANISMS  
NUMBER OF SEQUENCES: 96  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ARNOLD, WHITE & DURKEE  
STREET: P.O. BOX 4433  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Microsoft Word 6.0 / ASCII text output  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/836,261A  
FILING DATE: 25 Apr 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP95/04264  
FILING DATE: 30 Oct 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 9487017.9  
FILING DATE: 28 Oct 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: KAMERER, PATRICIA A.  
REGISTRATION NUMBER: 29,775  
REFERENCE/DOCKET NUMBER: INNS:005  
INFORMATION FOR SEQ ID NO: 60:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-836-261A-60

Query Match 0.2%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2330 AGAAGCGCATGCACA 2344  
|||||  
Db 2 AGAATGCCATGCACA 16

## RESULT 3089

US-09-193-377B-31/c  
; Sequence 31, Application US/09193377B  
; Patent No. 6221594  
; GENERAL INFORMATION:  
; APPLICANT: Burrell, Paul  
; APPLICANT: Blackall, Linda  
; APPLICANT: Keller, Jurg  
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC  
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA  
; FILE REFERENCE: CULAN20.001AUS  
; CURRENT APPLICATION NUMBER: US/09/193.377B  
; CURRENT FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Nitrobacter hamburgensis  
US-09-193-377B-31

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6650 AAAGCGAGTTTGA 6664  
|||||  
Db 20 AAAGCGAGTTTGA 6

## RESULT 3090

US-09-193-377B-37/c  
; Sequence 37, Application US/09193377B  
; Patent No. 6221594  
; GENERAL INFORMATION:  
; APPLICANT: Burrell, Paul  
; APPLICANT: Blackall, Linda  
; APPLICANT: Keller, Jurg  
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC  
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA  
; FILE REFERENCE: CULAN20.001AUS  
; CURRENT APPLICATION NUMBER: US/09/193.377B  
; CURRENT FILING DATE: 1998-11-17  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 37  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Nitrobacter  
US-09-193-377B-37

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6650 AAAGCGAGTTTGA 6664  
|||||  
Db 20 AAAGCGAGTTTGA 6

RESULT 3091  
US-09-313-932-69/c  
; Sequence 69, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William M.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313.932A  
; CURRENT FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 501  
; SEQ ID NO 69  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-313-932-69

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGCTGTCTGGACA 1516  
|||||  
Db 16 AGGCTGTCTGGACA 2

RESULT 3092  
US-09-313-932-150/c  
; Sequence 150, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William M.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313.932A  
; CURRENT FILING DATE: 1999-05-18  
; NUMBER OF SEQ ID NOS: 501  
; SEQ ID NO 150  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-09-313-932-150

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGCTGTCTGGACA 1516  
|||||  
Db 20 AGGCTGTCTGGACA 6

RESULT 3093  
US-09-313-932-151/c  
; Sequence 151, Application US/09313932A  
; Patent No. 6228642  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William M.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: ISPH-0356  
; CURRENT APPLICATION NUMBER: US/09/313.932A  
; CURRENT FILING DATE: 1999-05-18

```
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 151
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-151
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1502 AGGGTGTCTGGGACA 1516
      |||||
Db       19 AGGGTGTCTGGGACA 5
```

```
RESULT 3094
US-09-313-932-152/c
/ Sequence 152, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 152
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-152
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1502 AGGGTGTCTGGGACA 1516
      |||||
Db       18 AGGGTGTCTGGGACA 4
```

```
RESULT 3095
US-09-313-932-153/c
/ Sequence 153, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 153
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-153
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1502 AGGGTGTCTGGGACA 1516
      |||||
Db       17 AGGGTGTCTGGGACA 3
```

```
RESULT 3096
US-09-313-932-154/c
/ Sequence 154, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 154
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-154
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1502 AGGGTGTCTGGGACA 1516
      |||||
Db       15 AGGGTGTCTGGGACA 1
```

```
RESULT 3097
US-09-313-932-491
/ Sequence 491, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 491
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-491
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3301 CAGATCAATATTTTA 3315
      |||||
Db       6 CAGATAAATATTTTA 20
```

```
RESULT 3098
US-08-338-352-15
; Sequence 15, Application US/08338352
; Patent No. 6235897
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: JONES, ROBERT J.
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
; TITLE OF INVENTION: PYRIMIDINES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6
; OTHER INFORMATION: /note= "This position is C' = 5
; OTHER INFORMATION: methyl cytosine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /note= "This position is C' = 5
; OTHER INFORMATION: methyl cytosine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /note= "This position is C' = 5
; OTHER INFORMATION: methyl cytosine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 20
; OTHER INFORMATION: /note= "This position is C' = 5
; OTHER INFORMATION: methyl cytosine."
US-08-338-352-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 4464 TTTTNTTNTTNTTNTT 4461
DB 2 TTTTNTTNTTNTTNTT 19
```

```
RESULT 3099
US-09-560-594-20/c
; Sequence 20, Application US/09560594
; Patent No. 6242590
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
; FILE REFERENCES: R1S-0144
; CURRENT APPLICATION NUMBER: US/09/560,594
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2897 TGTAGATGCTTGT 2911
DB 15 TGGAGATGCTTGT 1
```

```
RESULT 3100
US-09-021-701-665/c
; Sequence 665, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 665:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
```

```
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-666

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6170 CATTAAGAAAAAGA 6184
DB 20 CATTAAGAAAAAGA 6

RESULT 3101
US-09-021-701-666/C
; Sequence 666, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-852-8063
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 666:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-666

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6170 CATTAAGAAAAAGA 6184
DB 19 CATTAAGAAAAAGA 5

RESULT 3102
US-09-021-701-726
; Sequence 726, Application US/09021701
; Patent No. 6251588
```

```
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 726:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-726

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5698 TTTGCTTCCTTT 5712
DB 6 TTTGCTTCCTTT 20

RESULT 3103
US-09-021-701-1069/C
; Sequence 1069, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
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MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021.701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 1069:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-1069

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1990 GGAGCAGATGTACA 2004  
DB 20 GGAGCAGATGTACA 6

RESULT 3104  
US-09-021-701-1070/c  
Sequence 1070, Application US/09021701  
Patent No. 6251588  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021.701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 1070:  
SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-1070

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1990 GGAGCAGATGTACA 2004  
DB 19 GGAGCAGATGTACA 5

RESULT 3105  
US-09-021-701-1071/c  
Sequence 1071, Application US/09021701  
Patent No. 6251588  
GENERAL INFORMATION:  
APPLICANT: Shannon, Karen W.  
APPLICANT: Wolber, Paul K.  
APPLICANT: Delenstarr, Glenda C.  
APPLICANT: Webb, Peter G.  
APPLICANT: Kincaid, Robert H.  
TITLE OF INVENTION: Methods for evaluating oligonucleotide  
NUMBER OF SEQUENCES: 1165  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20  
STREET: 3000 Hanover Street  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/021.701  
FILING DATE: 10-FEB-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Choi, Wendy A.  
REGISTRATION NUMBER: 36,697  
REFERENCE/DOCKET NUMBER: 10971464-1  
TELEPHONE: 650-236-2386  
TELEFAX: 650-852-8063  
INFORMATION FOR SEQ ID NO: 1071:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-021-701-1071

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1990 GGAGCAGATGTACA 2004  
DB 18 GGAGCAGATGTACA 4

```
RESULT 3106
US-09-021-701-1072/c
; Sequence 1072, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 1072:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-09-021-701-1072

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1990 GGAGCAGATGTACA 2004
DB      17 GGAGCAGATGTACA 3

RESULT 3107
US-09-021-701-1073/c
; Sequence 1073, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
```

```
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 1073:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-09-021-701-1073

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1990 GGAGCAGATGTACA 2004
DB      16 GGAGCAGATGTACA 2

RESULT 3108
US-09-021-701-1074/c
; Sequence 1074, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
```

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 650-236-2386  
 TELEFAX: 650-852-8063  
 INFORMATION FOR SEQ ID NO: 1074:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHEICAL: NO  
 ANTI-SENSE: NO  
 US-09-021-701-1074

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
 Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1990 GGAGCAGATGTTACA 2004  
 Db 15 GGAGCAGATGATACA 1

RESULT 3109  
 US-09-191-240-3/c  
 Sequence 3, Application US/09191240  
 Patent No. 6251955  
 GENERAL INFORMATION:  
 APPLICANT: Bulawa, Christine  
 TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF  
 TITLE OF INVENTION: FUNGAL PATHOGENICITY  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESSES:  
 ADDRESSER: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
 STREET: TWO MILLITIA DRIVE  
 CITY: Lexington  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02173  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/191,240  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/202,990  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Granahan, Patricia  
 REGISTRATION NUMBER: 32,227  
 REFERENCE/DOCKET NUMBER: MYC93-08  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 861-6240  
 TELEFAX: (617) 861-9540  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-191-240-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
 Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6556 CTGCTGGCAGCATT 6570  
 Db 20 CTGCTGGCAGCATT 6

RESULT 3110  
 US-09-488-857B-46/c  
 Sequence 46, Application US/0948857B  
 Patent No. 6251110  
 GENERAL INFORMATION:  
 APPLICANT: Lex M. Cowser  
 TITLE OF INVENTION: ANTISENSE MODULATION OF ARA70 EXPRESSION  
 FILE REFERENCE: RTS-0117  
 CURRENT APPLICATION NUMBER: US/09/488,857B  
 CURRENT FILING DATE: 2000-01-21  
 NUMBER OF SEQ ID NOS: 90  
 SEQ ID NO 46  
 LENGTH: 20  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-488-857B-46

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
 Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5629 CAGGAAGTCTTG 5643  
 Db 20 CAGGAAGTCTTG 6

RESULT 3111  
 US-09-487-368A-81  
 Sequence 81, Application US/09487368A  
 Patent No. 6261840  
 GENERAL INFORMATION:  
 APPLICANT: Lex M. Cowser  
 TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION  
 FILE REFERENCE: RTS-0093  
 CURRENT APPLICATION NUMBER: US/09/487,368A  
 CURRENT FILING DATE: 2000-01-18  
 NUMBER OF SEQ ID NOS: 240  
 SEQ ID NO 81  
 LENGTH: 20  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-487-368A-81

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
 Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4386 CTGCTCCCTATTGCT 4400  
 Db 3 CTGCAACCTATTGCT 17

RESULT 3112  
 US-09-489-869-61  
 Sequence 61, Application US/09489869A  
 Patent No. 6268151  
 GENERAL INFORMATION:  
 APPLICANT: Susan Murray  
 APPLICANT: Lex M. Cowser  
 TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR  
 FILE REFERENCE: RTS-0110  
 CURRENT APPLICATION NUMBER: US/09/489,869A  
 CURRENT FILING DATE: 2000-01-20  
 NUMBER OF SEQ ID NOS: 88

SEQ ID NO 61  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-489-869-61

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1697 GGGCAGACAGCGTGG 1711  
DB 4 GCGCAGACAGCGTGG 18

RESULT 3113  
US-09-489-869-62  
Sequence 62, Application US/09489869A  
Patent No. 6268151  
GENERAL INFORMATION:  
APPLICANT: Susan Murray  
APPLICANT: Lex M. Cowsett  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR  
FILE REFERENCE: RTS-0110  
CURRENT APPLICATION NUMBER: US/09/489,869A  
CURRENT FILING DATE: 2000-01-20  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 62  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-489-869-62

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1697 GGGCAGACAGCGTGG 1711  
DB 6 GCGCAGACAGCGTGG 20

RESULT 3114  
US-09-240-473-7/c  
Sequence 7, Application US/09240473  
Patent No. 6297011  
GENERAL INFORMATION:  
APPLICANT: Greenepan, Daniel S  
APPLICANT: Takahara, Kazuhiko  
APPLICANT: Hoffman, Guy G  
TITLE OF INVENTION: Mammalian Tolloid-like Protein  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Charles & Brady  
STREET: 1 South Plinckney Street  
CITY: Madison  
STATE: WI  
COUNTRY: US  
ZIP: 53703  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/240,473  
FILING DATE:  
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:  
NAME: Betson, Bennett J  
REGISTRATION NUMBER: 37094  
REFERENCE/DOCKET NUMBER: 960296.93839  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-251-5000  
TELEFAX: 608-251-9166  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Oligonucleotide primer"  
US-09-240-473-7

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1029 GATGAAGAGGAAGTA 1043  
DB 20 GATGAAGTGAAGTA 6

RESULT 3115  
US-09-280-590A-5/c  
Sequence 5, Application US/09280590A  
Patent No. 6303772  
GENERAL INFORMATION:  
APPLICANT: Hiral, Hiroshi  
APPLICANT: Sherr, Charles  
APPLICANT: Inoue, Kazuhei  
APPLICANT: Bodner, Sarah M.  
TITLE OF INVENTION: CYCLIN-D BINDING FACTOR, AND USES THEREOF  
NUMBER OF SEQUENCES: 46  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David A. Jackson, Esq.  
STREET: 411 Hackensack Ave, Continental Plaza, 4th Floor  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,590A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 1340-1-002 N CP2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-487-5800  
TELEFAX: 201-343-1684  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
HYPOTHETICAL: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-280-590A-5

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 35 GCTGCAGGCTCCGG 49  
DB 15 GCTGCAGGATCCGG 1

RESULT 3116  
US-08-957-351-17/c  
; Sequence 17, Application US/08957351  
; Patent No. 6306586  
; GENERAL INFORMATION:  
; APPLICANT: Semina, Elena  
; APPLICANT: Murray, Jeffrey C.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE  
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF CATARACTS  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: POLEY, HOAG & ELIOT LLP  
; STREET: One Post Office Square  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109-2170  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/957,351  
; FILING DATE: 24-OCT-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Arnold, Beth E.  
; REGISTRATION NUMBER: 35,430  
; REFERENCE/DOCKET NUMBER: UTA-024.01  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-832-7000  
; TELEFAX: 617-832-7000  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "oligonucleotide"  
US-08-957-351-17

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5075 GAGAGTGTCTTAA 5089  
DB 16 GAGAGTGTATGATMAC 2

RESULT 3117  
US-09-019-160-50  
; Sequence 50, Application US/09019160  
; Patent No. 6306588  
; GENERAL INFORMATION:  
; APPLICANT: Chatterjee, Deb K.  
; APPLICANT: Solus, Joseph  
; APPLICANT: Vang, Shuwei  
; TITLE OF INVENTION: Polymetases for Analyzing or Typing Polymorphic  
; TITLE OF INVENTION: Nucleic Acid Fragments and Uses Thereof  
; NUMBER OF SEQUENCES: 93

CORRESPONDENCE ADDRESS:  
; ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX, P.L.L.C.  
; STREET: 1100 New York Ave., N.W., Suite 600  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/019,160  
; FILING DATE: 06-FEB-1998  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: (to be assigned)  
; FILING DATE: 06-JAN-1998  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/037,393  
; FILING DATE: 07-FEB-1997  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Edmund, Robert W.  
; REGISTRATION NUMBER: 32,893  
; REFERENCE/DOCKET NUMBER: 0942.4250002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-371-2600  
; TELEFAX: 202-371-2540  
; INFORMATION FOR SEQ ID NO: 50:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: both  
; MOLECULE TYPE: cDNA  
US-09-019-160-50

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5970 AGAGCACTGACCTG 5984  
DB 5 AGAGAACTGACCTG 19

RESULT 3118  
US-08-984-709A-41  
; Sequence 41, Application US/08984709A  
; Patent No. 6320032  
; GENERAL INFORMATION:  
; APPLICANT: Williams, Mark E.  
; APPLICANT: Stauderman, Kenneth A.  
; APPLICANT: Harpold, Michael W.  
; TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND  
; TITLE OF INVENTION: METHODS  
; NUMBER OF SEQUENCES: 52  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Heller Ertman White & McAlliff  
; STREET: 4250 Executive Square, Suite 700  
; CITY: La Jolla  
; STATE: California  
; COUNTRY: US  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FaetsEO Version 1.5  
; CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: US/08/984,709A
; FILING DATE: 02-DEC-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
;   NAME: Seidman, Stephanie L.
;   REGISTRATION NUMBER: 33,779
;   REFERENCE/DOCKET NUMBER: 24735-9815 (formerly 6362-9815)
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (619) 450-8400
;   TELEFAX: (619) 587-5360
; INFORMATION FOR SEQ ID NO: 41:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: unknown
;     MOLECULE TYPE: cDNA
;     HYPOTHETICAL: NO
;     ANTI-SENSE: NO
;     FRAGMENT TYPE:
;     ORIGINAL SOURCE:
; US-08-984-709A-41

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 2.4e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      2539 GAGCTCCAGATCCTGAC 2555
Db      4 GTGTTTCAGATCTCTGAC 20

RESULT 3119
; US-09-657-042A-73/c
; Sequence 73; Application US/09657042A
; Patent No. 6329203
; GENERAL INFORMATION:
;   APPLICANT: C. Frank Bennett
;   TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESS
;   FILE REFERENCE: RTS-0148
;   CURRENT APPLICATION NUMBER: US/09/657,042A
;   CURRENT FILING DATE: 2000-09-08
;   NUMBER OF SEQ ID NOS: 88
;   SEQ ID NO 73
;   LENGTH: 20
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Antisense Oligonucleotide
; US-09-657-042A-73

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5063 CAAGTGCCTAAAGAG 5077
Db      19 CTAGTGCCTAAAGAG 5

RESULT 3120
; US-08-829-637A-115/c
; Sequence 115; Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
;   APPLICANT: C. Frank Bennett
;   APPLICANT: Phillip Dan Cook
;   APPLICANT: Nicholas Dean
;   APPLICANT: Glenn Hoke
;   TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
;   TITLE OF INVENTION: PHOSPHOROTHIATE LINKAGES OF HIGH CHIRAL PURITY AND
;   TITLE OF INVENTION: WHICH MODULATE at, att, , k, n, AND ISOFORMS OF
```

```

; TITLE OF INVENTION: PROTEIN KINASE C
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066-ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,637A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,066
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,129
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/469,851
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/468,569
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/089,996
; FILING DATE: 09-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/058,023
; FILING DATE: 05-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,007
; FILING DATE: 16-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,760
; FILING DATE: 15-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/852,852
; FILING DATE: 16-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/00243
; FILING DATE: 11-JAN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/566,977
; FILING DATE: 13-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/436,358
; FILING DATE: 11-JAN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME:
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER: ISIS-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 115:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     ANTI-SENSE: yes
; US-08-829-637A-115

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
```

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGGCCGGGGCTC 22  
| | | | | | | | | |  
Db 16 GATGGCCGGGGCTC 2

RESULT 3121  
US-09-232-346-56  
; Sequence 56, Application US/09232346  
; Patent No. 6352830  
; GENERAL INFORMATION:  
; APPLICANT: Crabtree, Gerald R.  
; APPLICANT: No. 6352830throp, Jeffrey P.  
; APPLICANT: Ho, Steffen M.  
; APPLICANT: Flanagan, William M.  
; TITLE OF INVENTION: NF-AT POLYPEPTIDES AND POLYNUCLEOTIDES AND SCREENING  
; TITLE OF INVENTION: METHODS FOR IMMUNOSUPPRESSIVE AGENTS  
; FILE REFERENCE: APV-008.04  
; CURRENT APPLICATION NUMBER: US/09/232,346  
; PRIOR FILING DATE: 1999-01-15  
; PRIOR APPLICATION NUMBER: 08/507,032  
; PRIOR FILING DATE: 1995-07-31  
; PRIOR APPLICATION NUMBER: 08/228,944  
; PRIOR FILING DATE: 1994-04-18  
; PRIOR APPLICATION NUMBER: 07/749,385  
; PRIOR FILING DATE: 1991-08-22  
; PRIOR APPLICATION NUMBER: 08/260,174  
; PRIOR FILING DATE: 1994-06-13  
; PRIOR APPLICATION NUMBER: 08/124,981  
; PRIOR FILING DATE: 1993-09-20  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 56  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Description of Unknown Organism: putative NF-AT  
; OTHER INFORMATION: binding site  
US-09-232-346-56

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3278 AAGAAGAAATGAA 3292  
| | | | | | | | | |  
Db 4 AAGAAGAAATGAA 18

RESULT 3122  
US-09-629-645A-24  
; Sequence 24, Application US/09629645A  
; Patent No. 6365354  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION  
; FILE REFERENCE: RTS-0137  
; CURRENT APPLICATION NUMBER: US/09/629,645A  
; CURRENT FILING DATE: 2000-07-31  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 24  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-629-645A-24

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2631 GTGGCTTCCGGCC 2645  
| | | | | | | | | |  
Db 3 GTGGCTTCCGGCC 17

RESULT 3123  
US-09-629-645A-31/C  
; Sequence 31, Application US/09629645A  
; Patent No. 6365354  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION  
; FILE REFERENCE: RTS-0137  
; CURRENT APPLICATION NUMBER: US/09/629,645A  
; CURRENT FILING DATE: 2000-07-31  
; NUMBER OF SEQ ID NOS: 164  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-629-645A-31

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 805 TTGGCTTCCACCAG 819  
| | | | | | | | | |  
Db 20 TTGGCTTCCACCAG 6

RESULT 3124  
US-09-561-497-74/C  
; Sequence 74, Application US/09561497  
; Patent No. 6372433  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION  
; FILE REFERENCE: RTS-0149  
; CURRENT APPLICATION NUMBER: US/09/561,497  
; CURRENT FILING DATE: 2000-04-28  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 74  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-561-497-74

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1646 ATGGGGGATGCCCTA 1660  
| | | | | | | | | |  
Db 16 ATGGGGGATGCCCTA 2

RESULT 3125  
US-09-561-497-75/C  
; Sequence 75, Application US/09561497  
; Patent No. 6372433  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: C. Frank Bennett

```

; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561,497-75

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1646 ATGCGGGGATGCTTA 1660
      |||||
      18 ATGCGGGGGTGCCTA 4

RESULT 3126
US-09-702-251-67/c
; Sequence 67, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-251-67

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      911 GTGAGGTGCTGACA 925
      |||||
      20 GTGATGTGCTGACA 6

RESULT 3127
US-09-175-658B-5
; Sequence 5, Application US/09175658B
; Patent No. 6372900
; GENERAL INFORMATION:
; APPLICANT: METALLINOS, DANIKA
; APPLICANT: RINE, JASPER
; APPLICANT: BOWLING, ANN
; TITLE OF INVENTION: HORSE ENDOTHELIN-B RECEPTOR GENE AND GENE PRODUCTS
; FILE REFERENCE: GORR-110
; CURRENT APPLICATION NUMBER: US/09/175,658B
; CURRENT FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/062,562
; PRIOR FILING DATE: 1997-10-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Description of Artificial Sequence:Primer for DNA
; OTHER INFORMATION: sequencing horse EDNRB EXON 1 and PCR analysis of
; OTHER INFORMATION: Lethal White Foal Allele.
US-09-175-658B-5

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 2.4e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      263 TGCACGAGTGTCCAG 279
      |||||
      1 TGCACAGTCTCCAG 17

Db

RESULT 3128
US-08-599-738A-14
; Sequence 14, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESS: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/473,481
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/976,103
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUENCHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D2
; TELECOMMUNICATION INFORMATION:
```



```

; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6
; OTHER INFORMATION: /note= "This position is C" =
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /note= "This position is C" =
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /note= "This position is C" =
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 20
; OTHER INFORMATION: /note= "This position is C" =
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
US-08-539-738A-14

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4464 TTTTNTTTTNTTTTNTT 4481
Db 2 TTTTNTTTTNTTTTNTT 19

RESULT 3129
US-09-689-255C-22
; Sequence 22, Application US/09689255C
; Patent No. 6395544
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCAS1 EXPRESSION
; FILE REFERENCE: RTS-0171
; CURRENT APPLICATION NUMBER: US/09/689,255C
; CURRENT FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-689-255C-22

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7339 CTGTACCTTGTTCAG 7353
Db 1 CTGTCCCTTGTTCAG 15

RESULT 3130
US-09-167-109-50/C
; Sequence 50, Application US/09167109
; Patent No. 6399297

; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowart, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-50

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1743 CTCAGGCTGCAGCT 1757
Db 20 CTCATGCTGCAGCT 6

RESULT 3131
US-09-798-096-49/C
; Sequence 49, Application US/09798096
; Patent No. 6399378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQ2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-49

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3930 TCTTTCTCCCTTGA 3944
Db 17 TCATTCTCCCTTGA 3

RESULT 3132
US-09-844-634-45
; Sequence 45, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-45
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      28 GGGAGCTGCTGCAGC 42
      |||||
Db      6 GGGAGCTGCTGCTGC 20

RESULT 3133
US-09-506-073-15
; Sequence 15, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-15
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5936 CTGGGCTGAGTGGC 5950
      |||||
Db      2 CAGGCTGAGCTGCC 16

RESULT 3134
US-08-744-481A-52/c
; Sequence 52, Application US/08744481A
; Patent No. 6428955
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HELDER EHRMAN WHITE & MCAULIFFE
; STREET: 4250 Executive Square, Suite 700
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/08/744,481A
; FILING DATE: No. 6428955ember 6, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/617,256
; FILING DATE: March 18, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L.
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)450-8400
; TELEFAX: (617)587-5360
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-744-481A-52
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3804 GTCTGGAGCTGCTG 3818
      |||||
Db      17 GTCTGGTGTGCTGCTG 3

RESULT 3135
US-09-341-444A-12/c
; Sequence 12, Application US/09341444A
; Patent No. 6440666
; GENERAL INFORMATION:
; APPLICANT: Groenen, Martine Antonius Mathilda
; APPLICANT: Albers, Gerardus Antonius Arnoldus
; TITLE OF INVENTION: Selection For Dwarfism in Poultry
; FILE REFERENCE: 310-1009
; CURRENT APPLICATION NUMBER: US/09/341,444A
; CURRENT FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: PCT/NL98/00021
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: EP 97200070.7
; PRIOR FILING DATE: 1997-01-10
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: OTHER INFORMATION:Oligonucleotide primer
US-09-341-444A-12
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6435 ATTAGCTTAAGCAGC 6449
      |||||
Db      15 ATTAGTTAAGCAGC 1

RESULT 3136
US-09-907-843-18
; Sequence 18, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
```

```
FILE REFERENCE: RTS-0279
CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-18

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3919 CACCTTGCGCTCTT 3933
DB      3 CACTTGGCTCTT 17

RESULT 3137
US-09-658-679A-31
Sequence 31, Application US/09658679A
Patent No. 6444464
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-31

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2091 TGTGGGGTACGCG 2105
DB      1 TCTGGGGTACGCG 15

RESULT 3138
US-09-658-679A-32
Sequence 32, Application US/09658679A
Patent No. 6444464
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-32

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2091 TGTGGGGTACGCG 2105
DB      2 TCTGGGGTACGCG 16

RESULT 3139
US-09-676-610B-182/C
Sequence 182, Application US/09676610B
Patent No. 6444465
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
FILE REFERENCE: RTS-0138
CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 182
SEQ ID NO 182
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-182

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      665 CTGTTCCTTGAGT 679
DB      20 CTGTTCCTTGAGT 6

RESULT 3140
US-09-851-062-79/C
Sequence 79, Application US/09851062
Patent No. 6448081
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-79

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7167 CTTAGCAGCATGTG 7181
DB      15 CTTAGCAGCATGTG 1

RESULT 3141
US-09-517-467B-229/C
Sequence 229, Application US/09517467B
Patent No. 6451602
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
```

```

; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 229
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-517-467B-229

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3038 CCCACTGACCAAAA 3052
DB 19 CCCACTGACCAACA 5

RESULT 3142
US-09-091-952A-171
; Sequence 171, Application US/09091952A
; Patent No. 6458532
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; Gershon, Elliot S.
; Badner, Judith A.
; Goldin, Lynn R.
; Berrettini, Wade H.
; Yoshikawa, Takeo
; Sanders, Alan R.
; Besterling, Lisa B.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/091,952A
; FILING DATE: 19-Apr-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-OCT-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```

; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1...20
; OTHER INFORMATION: Clone 35 reverse primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 171:
; US-09-091-952A-171

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3289 TGAACCGACCCAG 3303
DB 2 TGAACCGACCCCTG 16

RESULT 3143
US-09-690-364-97/C
; Sequence 97, Application US/09690364
; Patent No. 6468795
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
; FILE REFERENCE: RTS-0190
; CURRENT APPLICATION NUMBER: US/09/690,364
; CURRENT FILING DATE: 2000-10-17
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-690-364-97

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2251 TATGACCTACGCGC 2265
DB 19 TATGACCTACGCGC 5

RESULT 3144
US-09-725-265-32/C
; Sequence 32, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOKOKAZU
; APPLICANT: KOBAYASHI, KENYA
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL.
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953050XDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 20
```

```
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-32
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 1; Indels 0; Gaps 0;
```

```
QY 6685 TTTTATTATATAT 6699
DB 15 TTTTATATATATAT 1
```

```
RESULT 3145
US-09-725-265-33/C
Sequence 33, Application US/09725265
Patent No. 6492121
```

```
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 19953USOXDIY
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-33
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 6685 TTTTATTATATAT 6699
DB 15 TTTTATATATATAT 1
```

```
RESULT 3146
US-09-725-265-37/C
Sequence 37, Application US/09725265
Patent No. 6492121
```

```
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 19953USOXDIY
CURRENT APPLICATION NUMBER: US/09/725,265
```

```
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-37
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 6685 TTTTATTATATAT 6699
DB 15 TTTTATATATATAT 1
```

```
RESULT 3147
US-09-725-265-38/C
Sequence 38, Application US/09725265
Patent No. 6492121
```

```
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 19953USOXDIY
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-38
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 6685 TTTTATTATATAT 6699
DB 15 TTTTATATATATAT 1
```

```
RESULT 3148
US-09-659-845A-148
Sequence 148, Application US/09659845A
Patent No. 6492170
```

```
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Malt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
```

```

; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-845A-148

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 711 CCTGCATCCATGAG 725
Db 2 CCTGCACCATGAG 16

RESULT 3149
US-09-629-644A-81
; Sequence 81, Application US/09629644A
; Patent No. 6492345
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freiler
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-81

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4386 CTGCTCCCTATTGCT 4400
Db 3 CTGCACCTATTGCT 17

RESULT 3150
US-09-629-644A-81
; Sequence 81, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freiler
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR FILING DATE: 2000-01-18
; PRIOR FILING DATE: 2000-01-18

; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-125/c

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 804 GTTCGCTTTTACCA 818
Db 15 GTTCGCTTTTACCA 1

RESULT 3151
US-09-657-346A-125/c
; Sequence 125, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-125

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4386 CTGCTCCCTATTGCT 4400
Db 3 CTGCACCTATTGCT 17

RESULT 3152
US-09-657-346A-142/c
; Sequence 142, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-142

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2730 CTTGGCCCAAGCCGT 2744
          |||||
          15 CTTGGCCCAAGCCCT 1
          |||||

RESULT 3153
US-09-668-313A-143
; Sequence 143, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Preter
; APPLICANT: Jacqueline Wyatc
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-143

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1115 CTGTGAGTGACAG 1129
          |||||
          5 CTGTGAGTGACAG 19
          |||||

RESULT 3154
US-09-422-978-4350/C
; Sequence 4350, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-14704 for SEQ 416,
US-09-422-978-4350

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3276 TTAAGAGAAAATG 3290
          |||||
          16 TTAAGAGAAAATG 2
          |||||
```

```
RESULT 3155
US-09-422-978-5598/C
; Sequence 5598, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5598
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-5468 for SEQ 1664,
US-09-422-978-5598

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4596 TCATTTTCTCTGC 4610
          |||||
          19 TCATTTCTCTGC 5
          |||||

RESULT 3156
US-09-422-978-6679/C
; Sequence 6679, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6679
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-16754 for SEQ 2745,
US-09-422-978-6679

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4475 TTTTTCGCTCG 4489
          |||||
```

Db 15 TTTTTCCTGCG 1

```
RESULT 3157
US-09-422-978-10055
; Sequence 10055, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10055
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-913 for SEQ 2190, in compleme
US-09-422-978-10055
```

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1883 CTCTGTCACCTCT 1897  
Db 2 CTCTGTCACCTCT 16

```
RESULT 3158
US-09-422-978-11370/C
; Sequence 11370, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11370
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-4692 for SEQ 3505, in compleme
US-09-422-978-11370
```

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5456 ATGAGTCTTACTCT 5470  
Db 18 ATGAGTCTTACTCT 4

```
RESULT 3159
US-10-025-139-115/C
; Sequence 115, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-115
```

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGGCGGCGGCTC 22  
Db 16 GATGGCGGCGGCTC 2

```
RESULT 3160
US-09-549-949B-8
; Sequence 8, Application US/09549949B
; Patent No. 6541226
; GENERAL INFORMATION:
; APPLICANT: Shigemori, Yasushi
; APPLICANT: Oishi, Michio
; TITLE OF INVENTION: Method for specifically cleaving double-stranded DNA
; FILE REFERENCE: 032567-015
; CURRENT APPLICATION NUMBER: US/09/549,949B
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: JP 11/106710
; PRIOR FILING DATE: 1999-04-14
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-549-949B-8
```

Query Match 0.2%; Score 13.4; DB 1; Length 20;



Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3115 CATGCTTGACAGCTT 3129  
|||||  
1 CATGCTTGACAGCTT 15

Db 1 CATGCTTGACAGCTT 15

RESULT 3161

US-09-380-836-78  
; Sequence 78, Application US/09380836  
; Patent No. 6551775

; GENERAL INFORMATION:  
; APPLICANT: Lifton, Richard P.

; APPLICANT: Chang, Sue S.

; APPLICANT: Rossier, Bernard C.

; TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions

; TITLE OF INVENTION: Pseudohypodideteronism Type-1

; FILE REFERENCE: 44574-5018-US

; CURRENT APPLICATION NUMBER: US/09/380,836

; PRIOR FILING DATE: 2000-04-27

; PRIOR APPLICATION NUMBER: US 60/040,171

; PRIOR FILING DATE: 1997-03-11

; PRIOR APPLICATION NUMBER: PCT/US98/04681

; NUMBER OF SEQ ID NOS: 106

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 78

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: B-11 reverse

US-09-380-836-78

Query Match  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3878 CCGGCCCCGGCCAGG 3892  
|||||  
1 CCGGCCCCGGCCAGG 15

Db 1 CCGGCCCCGGCCAGG 15

RESULT 3162

US-09-705-267A-61/c  
; Sequence 61, Application US/09705267A  
; Patent No. 6551826

; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang

; APPLICANT: Susan M. Freier

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION

; FILE REFERENCE: RTS-0211

; CURRENT APPLICATION NUMBER: US/09/705,267A

; CURRENT FILING DATE: 2000-11-01

; NUMBER OF SEQ ID NOS: 177

; SEQ ID NO 61

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-705-267A-61

Query Match  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 3081 CAGGTGTCTCATGTG 3095  
|||||  
1 CAGGTGTCTCATGTG 15

Db 17 CAGGTGTCTCATGTG 3

RESULT 3163

US-09-705-267A-139/c  
; Sequence 139, Application US/09705267A  
; Patent No. 6551826

; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang

; APPLICANT: Susan M. Freier

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION

; FILE REFERENCE: RTS-0211

; CURRENT APPLICATION NUMBER: US/09/705,267A

; CURRENT FILING DATE: 2000-11-01

; NUMBER OF SEQ ID NOS: 177

; SEQ ID NO 139

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-705-267A-139

Query Match  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5057 CTTACACAGTGCTT 5071  
|||||  
18 CTTACACAGTGCTT 4

Db 18 CTTACACAGTGCTT 4

RESULT 3164

US-09-198-452A-2864/c  
; Sequence 2864, Application US/09198452A  
; Patent No. 6559294

; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev

; TITLE OF INVENTION: and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 2864

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-09-198-452A-2864

Query Match  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 5078 AGTGATGCTACTACT 5092  
|||||  
18 AGTGATGCTACTACT 4

Db 18 AGTGATGCTACTACT 4

RESULT 3165

US-09-198-452A-3733/c  
; Sequence 3733, Application US/09198452A  
; Patent No. 6559294

; GENERAL INFORMATION:  
; APPLICANT: Griffiths, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev

; TITLE OF INVENTION: and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/09/198,452A

; CURRENT FILING DATE: 1998-11-24



Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4221 CTTCCTCTGCGACA 4235  
Db 19 CTTCCTCTGCGACA 5

RESULT 3171  
US-09-808-358-7/C  
Sequence 7, Application US/09808358  
Patent No. 6562955  
GENERAL INFORMATION:  
APPLICANT: TOSOH Corporation  
TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus  
TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same  
TITLE OF INVENTION: Oligonucleotides  
FILE REFERENCE: 200-2496  
CURRENT APPLICATION NUMBER: US/09/808,358  
CURRENT FILING DATE: 2001-03-15  
NUMBER OF SEQ ID NOS: 48  
SEQ ID NO 7  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide capable of binding specifically to trh1 and  
US-09-808-358-7

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4304 TTTTCCTTCCCTCG 4318  
Db 20 TTTTCCTTCCCTCG 6

RESULT 3172  
US-09-679-299A-84  
Sequence 84, Application US/09679299A  
Patent No. 6566135  
GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
FILE REFERENCE: RTS-0187  
CURRENT APPLICATION NUMBER: US/09/679,299A  
CURRENT FILING DATE: 2000-10-04  
NUMBER OF SEQ ID NOS: 164  
SEQ ID NO 84  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-679-299A-84

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3434 TTTTCTGCCCCACCT 3448  
Db 2 TTTTCTGCCCCACCT 16

RESULT 3173  
US-09-679-299A-84/C

Sequence 84, Application US/09679299A  
Patent No. 6566135  
GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver  
APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Walt  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
FILE REFERENCE: RTS-0187  
CURRENT APPLICATION NUMBER: US/09/679,299A  
CURRENT FILING DATE: 2000-10-04  
NUMBER OF SEQ ID NOS: 164  
SEQ ID NO 84  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-679-299A-84

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3644 TAGATGGGAGAGAA 3658  
Db 17 TAGATGGGAGAGAA 3

RESULT 3174  
US-09-081-385-112/C  
Sequence 112, Application US/09081385  
Patent No. 6593456  
GENERAL INFORMATION:  
APPLICANT: Galanaga, T.  
APPLICANT: Granger, G.A.  
TITLE OF INVENTION: Factors Altering Tumor Necrosis  
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods  
TITLE OF INVENTION: of Use Thereof  
NUMBER OF SEQUENCES: 154  
CORRESPONDENCE ADDRESS:  
ADDRESSER: MORRISON & FOERSTER  
STREET: 755 PAGE MILL ROAD  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/081,385  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/964,747  
FILING DATE: 05-NOV-1997  
APPLICATION NUMBER: 60/030,761  
FILING DATE: 06-NOV-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Wu, Frank  
REGISTRATION NUMBER: 41,386  
REFERENCE/DOCKET NUMBER: 22000-20577.21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-813-5600  
TELEFAX: 650-494-0792  
TELEX: 706141  
INFORMATION FOR SEQ ID NO: 112:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
US-08-849-949-112

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7339 TCCTACCTGTGTCAG 7353  
|||||  
DB 18 CTGTACCTGTGTCAG 4

RESULT 3175  
US-08-849-949-2  
; Sequence 2, Application US/08849949  
; Patent No. 6596537  
; GENERAL INFORMATION:  
; APPLICANT: KUROHARA, Kiyonori  
; TITLE OF INVENTION: HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,949  
; FILING DATE: 16-JUN-1997  
; CLASSIFICATION: 536  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: JP 6-313167  
; FILING DATE: 16-DEC-1994  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: JP 7-210739  
; FILING DATE: 18-AUG-1995  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/JP95/02587  
; FILING DATE: 15-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meuth, Donna M.  
; REGISTRATION NUMBER: 36,607  
; REFERENCE/DOCKET NUMBER: 001560-300  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-849-949-2

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4086 TCCTTCCCATGCTG 4100  
|||||  
DB 5 TCCTTCCCATGCTG 19

RESULT 3176

US-08-849-949-10  
; Sequence 10, Application US/08849949  
; Patent No. 6596537  
; GENERAL INFORMATION:  
; APPLICANT: KUROHARA, Kiyonori  
; TITLE OF INVENTION: HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
; STREET: P.O. Box 1404  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: United States  
; ZIP: 22313-1404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,949  
; FILING DATE: 16-JUN-1997  
; CLASSIFICATION: 536  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: JP 6-313167  
; FILING DATE: 16-DEC-1994  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: JP 7-210739  
; FILING DATE: 18-AUG-1995  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/JP95/02587  
; FILING DATE: 15-DEC-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meuth, Donna M.  
; REGISTRATION NUMBER: 36,607  
; REFERENCE/DOCKET NUMBER: 001560-300  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6620  
; TELEFAX: (703) 836-2021  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-849-949-10

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4086 TCCTTCCCATGCTG 4100  
|||||  
DB 2 TCCTTCCCATGCTG 16

RESULT 3177  
US-08-849-949-11/c  
; Sequence 11, Application US/08849949  
; Patent No. 6596537  
; GENERAL INFORMATION:  
; APPLICANT: KUROHARA, Kiyonori  
; TITLE OF INVENTION: HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
; STREET: P.O. Box 1404  
; CITY: Alexandria

STATE: Virginia  
COUNTRY: United States  
ZIP: 22313-1404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,949  
FILING DATE: 16-JUN-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 6-313167  
FILING DATE: 16-DEC-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 7-210739  
FILING DATE: 18-AUG-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/JP95/02587  
FILING DATE: 15-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Meuth, Donna M.  
REGISTRATION NUMBER: 36,607  
REFERENCE/DOCKET NUMBER: 001560-300  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-949-11

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4086 TCCTTCCCATGCCG 4100  
Db 16 TCCTTCCCATGCCG 2

RESULT 3178  
US-09-825-497A-27  
Sequence 27, Application US/09825497A  
Patent No. 6599742  
GENERAL INFORMATION:  
APPLICANT: Honkainen, Richard E.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN SERINE/THREONINE PRO  
FILE REFERENCE: ISPH-0572  
CURRENT APPLICATION NUMBER: US/09/825,497A  
CURRENT FILING DATE: 2001-04-06  
NUMBER OF SEQ ID NOS: 42  
SOFTWARE: Patentin version 3.1  
SEQ ID NO 27  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-825-497A-27

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5602 TTTAAGTGGTCTTC 5616

Db 6 TTTGAGTGGTCTTC 20

RESULT 3179  
US-09-787-375-3/c  
Sequence 3, Application US/09787375  
Patent No. 6602663  
GENERAL INFORMATION:  
APPLICANT: KAWAI, SHIGETO  
TITLE OF INVENTION: METHOD FOR DETECTION OR MEASUREMENT OF PLASMACYTOMA CELLS  
FILE REFERENCE: 053466/0301  
CURRENT APPLICATION NUMBER: US/09/787,375  
CURRENT FILING DATE: 2001-03-16  
PRIOR APPLICATION NUMBER: PCT/JP99/04502  
PRIOR FILING DATE: 1999-08-20  
PRIOR APPLICATION NUMBER: JP 10-264593  
PRIOR FILING DATE: 1998-02-18  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: Patentin Ver. 2.1  
SEQ ID NO 3  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Forward primer for  
US-09-787-375-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4548 CTGTTGGCTTGAAG 4562  
Db 19 CTGTTGGCTTGAAG 5

RESULT 3180  
US-09-689-065B-20  
Sequence 20, Application US/09689065B  
Patent No. 6605696  
GENERAL INFORMATION:  
APPLICANT: Pfizer Products, Inc.  
TITLE OF INVENTION: LAMSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND  
FILE REFERENCE: 3153, 00187/PC10589A  
CURRENT APPLICATION NUMBER: US/09/689,065B  
CURRENT FILING DATE: 2000-10-12  
PRIOR APPLICATION NUMBER: US Prov. 60/160,922  
PRIOR FILING DATE: 1999-10-22  
PRIOR APPLICATION NUMBER: US Prov. 60/163,858  
PRIOR FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 112  
SOFTWARE: Patentin version 3.2  
SEQ ID NO 20  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Lawsonia intracellularis  
US-09-689-065B-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4286 TTTCTGCAAGTGA 4300  
Db 2 TTTCTGCAAGTGA 16

RESULT 3181  
US-09-665-615B-59/c

```
; Sequence 59, Application US/09665615B
; Patent No. 665133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcuseon, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Ras Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-665-615B-59

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6923 AGAGCCTGTGGCTGC 6937
Db      15 AGAGCCTGTGGATGC 1

RESULT 3182
US-09-688-188B-109/c
; Sequence 109, Application US/09688188B
; Patent No. 6656716
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: MARTINEZ, RICARDO
; APPLICANT: WHITE, DAVID
; TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES
; FILE REFERENCE: 038602/0328
; CURRENT APPLICATION NUMBER: US/09/688,188B
; CURRENT FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 09/231,417
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: 60/081,784
; PRIOR FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 155
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-688-188B-109

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5184 CATGTTCTCCACTTG 5198
Db      19 CATCTCTCCACTTG 5

RESULT 3183
US-09-980-052-89
; Sequence 89, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Uoon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min

; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-09-980-052-89

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3623 GGGTGGGGGTGGGAG 3637
Db      5 GGGTGGGGGTGGGTG 19

RESULT 3184
US-09-892-398-5/c
; Sequence 5, Application US/09892398
; Patent No. 6673902
; GENERAL INFORMATION:
; APPLICANT: Hirai, Hiroshi
; APPLICANT: Sherr, Charles
; APPLICANT: Inoue, Kazushi
; APPLICANT: Bodner, Sarah M.
; TITLE OF INVENTION: CYCLIN-D BINDING FACTOR, AND USES THEREOF
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSER: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/892,398
; FILING DATE: 27-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,590
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1340-1-002 N CP2
; TELECOMMUNICATION INFORMATION:
```

TELEPHONE: 201-487-5800  
TELEFAX: 201-343-1684  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
HYPOTHEICAL: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-892-398-5

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 35 GCTGCGAGGCTCCGCG 49  
DB 15 GCTGCGAGGCTCCGCG 1

RESULT 3185  
US-09-730-212C-4  
Sequence 4, Application US/09730212C  
Patent No. 6677119  
GENERAL INFORMATION:  
APPLICANT: Florida Atlantic University  
TITLE OF INVENTION: COLON CANCER RELATED POLYNUCLEOTIDES  
FILE REFERENCE: 6818-14  
CURRENT APPLICATION NUMBER: US/09/730.212C  
CURRENT FILING DATE: 2000-12-05  
NUMBER OF SEQ ID NOS: 13  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
LENGTH: 20  
TYPE: DNA  
ORGANISM: homo sapiens  
US-09-730-212C-4

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 884 AGGCACAGCCAGTGA 898  
DB 3 AAGCAGCCAGTGA 17

RESULT 3186  
US-09-291-417D-109/C  
Sequence 109, Application US/09291417D  
Patent No. 6680170  
GENERAL INFORMATION:  
APPLICANT: PLOWMAN, GREGORY  
APPLICANT: MARTINEZ, RICARDO  
APPLICANT: WHITE, DAVID  
TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES  
FILE REFERENCE: 038602/0329  
CURRENT APPLICATION NUMBER: US/09/291.417D  
CURRENT FILING DATE: 1999-04-13  
PRIOR APPLICATION NUMBER: 60/081,784  
PRIOR FILING DATE: 1998-04-14  
NUMBER OF SEQ ID NOS: 155  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 109  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-291-417D-109

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5184 CATGTTCTCCACTTG 5198  
DB 19 CATGTTCTCCACTTG 5

RESULT 3187  
PCT-US94-07770-77/C  
Sequence 77, Application PC/TUS9407770  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett and  
APPLICANT: Russell T. Boggs  
TITLE OF INVENTION: Oligonucleotide Modulation of  
NUMBER OF SEQUENCES: 119  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & Norris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
MEDIUM TYPE: STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/07770  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
APPLICATION NUMBER: 08/089,996  
FILING DATE: July 9, 1993  
APPLICATION NUMBER: 08/199,779  
FILING DATE: February 22, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: 1SIS-1546  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 77:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
PCT-US94-07770-77

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGCGGCGCTC 22  
DB 16 GATGCGCGGCGCTC 2

RESULT 3188  
PCT-US94-09851-3/C  
Sequence 3, Application PC/TUS9409851

```

; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzil, Rudolph B.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; PCT-US94-09851-3

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5029 GAGGAGCTGCTGCTG 5043
Db      16 GAGGCTGCTGCTGCTG 2

RESULT 3189
PCT-US95-02311-3/c
; Sequence 3, Application PC/RUS9502311
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/02311
; FILING DATE:
; CLASSIFICATION:

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; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MYC93-08 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-02311-3

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6556 CTGGTGGGACGCTTT 6570
Db      20 CTGGTGGGACGCTTT 6

RESULT 3190
PCT-US95-07111A-15
; Sequence 15, Application PC/TUS9507111A
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07111A
; FILING DATE: May 31, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
; PCT-US95-07111A-15

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5936 CTGGGCTGGGACCTGCC 5950
Db      1 CTGGGCTGGGACCTGCC 1

```



Db 2 CAGCGCTGACTGCC 16

RESULT 3191  
PCT-US95-08604-106/c  
Sequence 106 Application PC/TUS9508604  
GENERAL INFORMATION:  
APPLICANT: Visible Genetics Inc.  
APPLICANT: HSC Research and Development Limited Partnership  
APPLICANT: Gallie, Brenda L.  
APPLICANT: Dunn, James M.  
APPLICANT: Stevens, John K.  
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma  
NUMBER OF SEQUENCES: 125  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oppedahl & Larson  
STREET: 1992 Commerce Street, Suite 309  
CITY: Yorktown Heights  
STATE: NY  
COUNTRY: USA  
ZIP: 10598-4412  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS 5.0  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/08604  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/271,942  
FILING DATE: 08-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Marina T. Larson  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN-P-003-WO  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 106:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: no  
ANTI-SENSE: no  
FRAGMENT TYPE: Internal  
ORIGINAL SOURCE: human  
ORGANISM: human  
FEATURE:  
NAME/KEY: primer for exon 20 of human RB1 gene  
PCT-US95-08604-106

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4588 TTGACTGTTCATTTT 4602  
16 TTACTGTTCATTTT 2

Db

RESULT 3192  
PCT-US96-09388-20/c  
Sequence 20 Application PC/TUS9609388  
GENERAL INFORMATION:  
APPLICANT: Smith, Larry J.  
TITLE OF INVENTION: Therapeutic Oligonucleotides

TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
NUMBER OF SEQUENCES: 114  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dunn, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/09388  
FILING DATE: 07-JUN-1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/379,180  
FILING DATE: 12-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Reed, Janet B.  
REGISTRATION NUMBER: 36,252  
REFERENCE/DOCKET NUMBER: 63082C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 563-4100  
TELEFAX: (215) 563-4044  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
PCT-US96-09388-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3217 GTGGGTGGAGAGG 3231  
16 GTGGGTGGAGAGG 2

Db

RESULT 3193  
5194596-22/c  
Patent No. 5194596  
APPLICANT: TISCHER, EDMUND G.; ABRAHAM, JUDITH A.; FIDES, JOHN  
C.; MITCHELL, RICHARD L.  
TITLE OF INVENTION: PRODUCTION OF VASCULAR ENDOTHELIAL CELL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 32  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/450,883  
FILING DATE: 14-DEC-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 387,545  
FILING DATE: 27-JUL-1989  
SEQ ID NO: 22:  
LENGTH: 20  
5194596-22

Query Match 0.2%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 2.4e+03;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2302 CAGCGTGATCACT 2316  
15 CAGCGTGATCACT 1

Db

```
RESULT 3194
5219739-27/c
; Patent No. 5219739
; APPLICANT: TISCHER, EDMUND G.; ABRAHAM, JUDITH A.; FIDDES,
; JOHN C.; MITCHELL, RICHARD L.
; TITLE OF INVENTION: DNA SEQUENCES ENCODING BVGEF120 AND
; BVGEF 121 AND METHODS FOR THE PRODUCTION OF BOVINE AND HUMAN
; VASCULAR ENDOTHELIAL CELL GROWTH FACTORS, BVGEF120 AND BVGEF121
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; CURRENT APPLICATION DATA:
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Best Local Similarity 93.3%; Pred. No. 2.4e+03;
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